



FOREST HEADQUARTERS, ODISHA
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HOFF
ARANYA BHAWAN : BHUBANESWAR - 23.

No. 16855 /10F (CAMPA) 01/2019 Dated, Bhubaneswar the 25th Sept., 2019

From
Smt. Uma Nanduri, IFS
Chief Executive Officer, State Authority
Compensatory Afforestation Fund, Odisha.

To
The Joint Chief Executive Officer,
National CAMPA, Govt. of India, MoEF&CC,
New Delhi.

Sub: Annual Plan of Operation 2019-20.

Sir,

With reference to our telephonic discussion held on 24th September, 2019, I am sending herewith the details of Annual Plan of Operation 2019-20 which is separated out into four parts i.e. Part-I, Part-II, Part-III & Part-IV along with Annexures for your information.

Encl: APO 2019-20.

Yours faithfully,


Chief Executive Officer,
State Authority
Comp. Affn. Fund, Odisha.


Dy CEO
25/9/19


R. D. P.
14.10.19


M. K. Singh

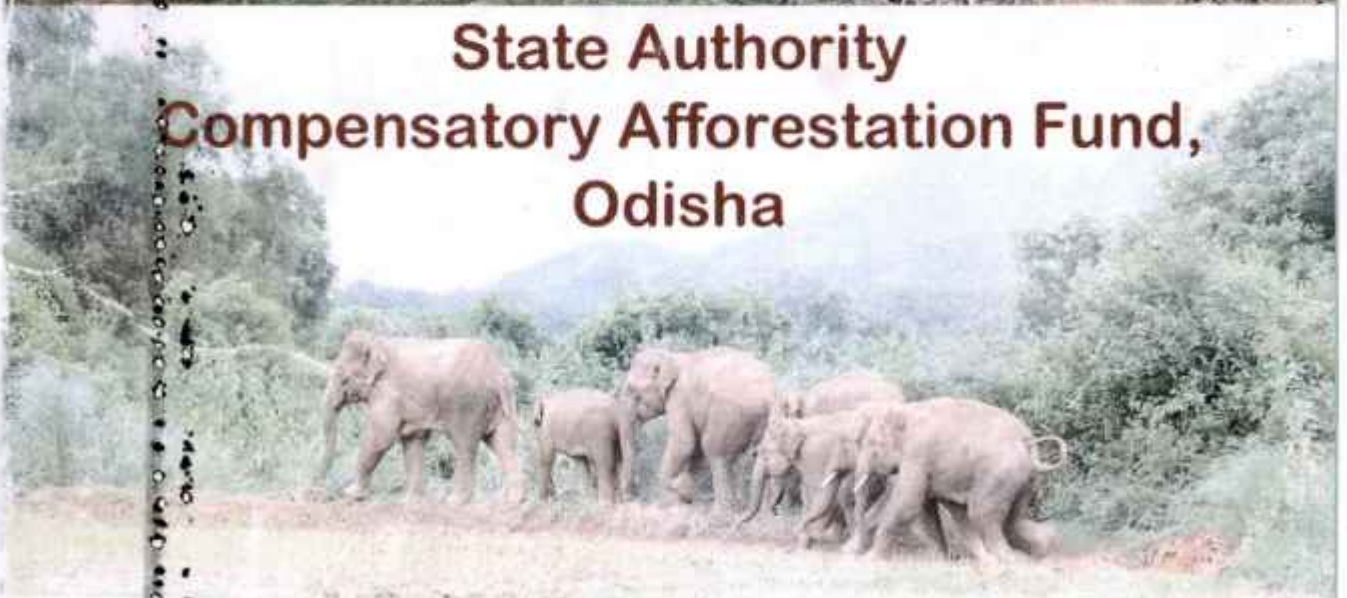
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Revised APO 2019-20

**State Authority
Compensatory Afforestation Fund,
Odisha**





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PART-I

CAMPA APO 2019-20

BRIEF HISTORY AND PAST PERFORMANCE

FINCE

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Part-I - Brief History and Past Performance

1.a Brief description of Forest & Forestry Sector in the State of Odisha

The state of Odisha located between the parallels of 17.49 N and 22.34N latitudes and meridians of 81.27 E and 87.29 E longitudes is surrounded by West Bengal to the north-east, Jharkhand to the north, Chhattisgarh to the west and north-west, Telangana to the south-west and Andhra Pradesh to the south. Covering an area of 155,707 Square Kilometres (4.74% of the total geographical area of the country), physiographically, the state can be divided into four regions, viz, Northern Plateau, Eastern Ghats, Central Table Land and Coastal Plains. It has a coast line of about 482 kilometres stretched across Bay of Bengal on its east, from Balasore to Ganjam with virgin beaches, serpentine rivers, mighty waterfalls and forest-clad blue hills of Eastern Ghats with rich wild life. Extended over the rich mineral belts in the western and north-western parts of the state, Odisha is dotted with exquisite temples, historic monuments as well as pieces of modern engineering galore.

The average annual rainfall varies from about 1,200 mm to about 1,600 mm and the average annual temperature ranges from 25^o C - 28^oC. The state is drained by a number of important rivers, which includes Mahanadi, Brahmani and Baitarni. The state has 30 districts, among which 12 are tribal districts. Moreover, the state does not have any hill districts. As per the 2011 census, Odisha has a population of 41.97 million accounting to 3.47% percent of India's population. The rural, urban and tribal population constitutes 83.32%, 16.68% and 22.85% respectively. The population density of the state is 270 per Square Kilometre, which is lower than the national average of 382 persons per Square Kilometre. The 19th Livestock census 2012 has reported a total livestock population of 20.73 million in the state.

❖ Forest Area

Total Geographical Area	1, 55,707 Sq Km
Recorded Forest area	61,204.17 Sq Km
Forest Cover within Recorded Forest Area	34,116 Sq Km
Forest Cover outside Recorded Forest Area	17,229 sq Km
Forest Cover Area	51,345 Sq Km
Tree Cover (Outside Forest Area)	3,993 Sq Km
Total Forest & Tree Cover	55, 338 Sq Km
Per capita Forest Area (Recorded)	0.146 ha
Per capita Forest & Tree Cover	0.132 ha
Percentage of Forest Area (Recorded) to Geographical Area	39.31 %
Percentage of Forest & Tree Cover to Geographical Area	35.54 %

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❖ .Forest and Tree Cover in Odisha

Basing on Satellite imagery, the forest and tree cover of the State is being assessed and published in every two years by the Forest Survey of India, Government of India since 1997. The Recorded Forest area of the state is 61,204.17 square kilometre which is 39.31% to Geographical area. As per 2017 assessment by Forest Survey of India, the forest cover in the State is 51,345 square kilometre i.e. 32.97% of its geographical area while tree cover of the State is 3993 square kilometre i.e. 2.56% of geographical area indicating per capita Forest area (recorded) as 0.146 hectare and per capita Forest & Tree cover as 0.132 hectare. The Forest cover of the state has been categorized as very dense (6,967 square kilometre), moderately dense (21,370 square kilometre), open forest (23,008 square kilometre) and scrub (4,306 square kilometre). *Shorearobusta* i.e. Sal is major tree species in Odisha forests & all its associates are found profusely.

The forest cover of the State in 10 assessment years is as under:
(Area in Sq. Km)

India State of Forest Report	Very Dense	Dense	Moderately dense	Open Forest	Total	Scrub	Tree cover	Mangrove
2017	6967	---	21370	23008	51345	4306	3993	243
2015*	6985	---	21470	22005	50460	4499	3986	231
2013	7042	---	21298	22007	50347	4424	4013	213
2011	7060	---	21366	20477	48903	4734	4301	222
2009	7073	---	21394	20388	48855	4852	4435	221
2005	538	---	27656	20180	48374	4743	4589	203
2003	288	---	27882	20196	48366	---	---	207
2001	---	27972	---	20866	48838	5782	---	211
1999	---	26288	---	20745	47033	5489	---	215
1997	---	26312	---	20629	46941	5461	---	211

* 2015 Figures have been updated in India State of Forest Report 2017.

(b)-1 Compensatory Afforestation and Other Stipulation Achievement during Last Five Years

SI No	Financial Year	Compensatory Afforestation				Other Stipulation					Grand Total	Expenditure in lakhs
		AR	ANR	Bald Hill	Total	AR	ANR	Bald Hill	Total	Avenue plantation in Nos & RKM		
1	2013-14	349.94	362.30	0.00	712.24	26.49	1499.43	0.00	1525.92	0	2238.16 ha	778.38
2	2014-15	654.06	4885.99	0	5540.05	2.63	30.30	0.00	32.93	750Nos	5572.98 Ha + 750 Nos.	964.42
3	2015-16	633.79	4030.61	0	4664.40	49.36	5739.61	0.00	5788.97	35382 Nos +30.44 RKM	10453.37 Ha + 30.44 RKM + 35382 Nos	2713.59
4	2016-17	547.94	2585.71	0	3133.65	36.51	4560.79	168.6	4765.90	27300 Nos + 4000 Nos	7899.55 Ha + 27300 Nos +4000 Nos	3477.66
5	2017-18	73.92	1530.08	65.00	1669.00	0.65	36.42	0	37.07	44681 Nos	1706.07 Ha + 44681 Nos	1735.53
Grand Total												9669.58

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(b)-2 Physical & Financial achivement on Forestry Activities for the last five year under CAMPA APO 2013-14 to 2017-18

SI No	Components	APO 2013-14		APO 2014-15		APO 2015-16		APO 2016-17		APO 2017-18	
		Phy.	Fin. In lakhs	Phy.	Fin. In lakhs	Phy.	Fin. In lakhs	Phy.	Fin. In lakhs	Phy.	Fin. In lakhs
1	Regeneration of Bamboo Forest	96764	1445.13	92755	1850.67	127985	2521.38	132420	2737.79	90080	1181.42
2	Bamboo Plantation	0	0	24044	353.16	12356	151.16	0	167.85	0	288.23
3	Block Plantation	0	0	0	0	0	0	0	0	0	629.97
4	ANR Plantation	0	0	43640	8692.64	93070	16259.71	0	8707.41	85405	16637
5	Management of Old Teak	3435	226.7	169862	3324.86	0	0	0	0	0	0
6	Bald Hill Plantation	0	204.07	0	968.37	990	750.53	0	1011.66	950	831.68
7	Conservation of MPCAs & Vanaspati Van	1708	61.8	0	0	0	0	0	0	0	0
8	Forest Protection		2291.91		3037.78		3636.15		4131.16		4789.60
9	Infrastructure Development		12883.7		4531.74		5008.53		4438.7		5111.5

(b)-3 Physical and Financial achievement on wildlife management

CAMPA APO 2012-13 during 2013-14

Financial Achievement (in Lakhs)

APO	Protection Activites	Anti-depredation Activities	Habitat Improvement	Mangement of Zoo &PA	Implementation of Site Specific Wildlife Conservation Plan	Other Works	Total amount in Lakhs
2012-13	343.52	720.16	825.98	273.49	259.18	467.29	2889.6
2013-14	517.18	1294.09	954.44	254.28	282.87	708.95	4011.8
2014-15	694.69	2026.48	1359.85	133.57	513.14	1065.9	5793.6
2015-16	968.66	2196.37	1586.77	688.07	806.8	2935	9181.7
2016-17	1253.48	2696.11	1729.59	845.34	1106.14	3626.4	11257

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(c)-I Forestry and other related (Afforestation) schemes in the state of Odisha during (2014-2015 to 2018-19)			
Year	Scheme	Activities takenup	Financial Achievement (in Lakhs)
2014-15	State Plan	Economic, Bald hill, Bamboo Development, Urban Plantation, Avenue Plantation, Plantation outside workingplan area, fodder plantation, management of Chilika lake ,distribution of seedlings to farmers	AR Block 8518 Ha.
			ANR With gap AR 7820 Ha.
			ANR SMC (without Gap) 10000 Ha.
			AR Bald Hill 1000 Ha.
			Avenue/Seedlings 10000Rkm /2.5 Lakhs Seedlings
			Urban Plantation Seedling 14.90 Lakhs
			Seedling Distribution 3.0 Lakhs
			Sacred Grove 200 No of Sites/ No. of Seedling 0.20 Lakhs
			Seedling Plated in Lakhs
			AR Block 3990 Ha.
2014-15	Deposit (OSPCB)		ANR With gap AR 3910 Ha.
			Seedling Planted 33.24 Lakhs
2014-15	MGNREGS	AR ,ANR, Avenue Plantation	AR Block 6943 Ha.
			ANR With gap AR 7304 Ha.
2014-15	OFSOP Phase-1	Restoration of degraded Forest, and Management through JFM Plantation	Seedling Planted 247.91 Lakhs
			AR Block 3586 Ha.
2014-15	MGNREGS	AR ,ANR, Avenue Plantation	ANR With gap AR 36308 Ha.
			Avenue Plantation 3755 Rkm
2014-15	Deposit (OSPCB)		Seedling Planted 170.900 Lakhs
			Seedling Distribution 30.00 Lakhs
Total 2014-15			31336.5
2015-16	IGC	Economic Plantation, Bald hill, OBDP urban Plantation, Agro forestry distribution, Avenue, Sacred grove, SMPB distribution of Medplant, Distribution of Seedlings.	AR Block 3300 Ha.
			Bald Hill 1000 Ha.
			Avenue/Seedlings 10000Rkm /2.5 Lakhs Seedlings
			Urban Plantation Seedling 15.65 Lakhs
			Seedling Distribution 438.28 Lakhs
			Sacred Grove No. of Seedling 0.48 Lakhs
			AR Block 770 Ha.
			ANR With gap AR 3820 Ha.
			Seedling Distribution 17.06 Lakhs
			AR Block 765 Ha.
2015-16	NAP	AR, ANR, Seedling distribution	AR Block 510 Ha.
			ANR With gap AR 520 Ha.
2015-16	State (CSR, OMCLTD.)	AR Plantation	Bald Hill 20 Ha.
			Avenue Plantation 232Rkm
2015-16	State (OEMF)	Jagannath Bana Prakaipa, Avenue, Bald hill Plantation	Seedling Distribution 1.7 Lakhs
			AR Block 1507.4 Ha.
2015-16	Central	Bamboo Plantation, NBM, Dev of elephant corridor, fodder plantation,	Seedling Distribution 1.25 Lakhs
			AR Block 2109 Ha.
2015-16	MGNREGA	AR, ANR, Avenue Plantation	ANR With gap AR 26245 Ha.
			Seedling Planted 123.60Lakhs
Total 2015-16			26651.904
2016-17	State Plan	Economic, Bald Hill, OBDP Bamboo Plantn, Urban Plantn, Agro forestry, Sacred gove, mangrove Plantation, Odisha, Pollution Control Board, SMPB	AR Block 5631.07 Ha.
			Bald Hill 1000 Ha.
			Avenue/Seedlings 1010 Rkm /2.53 Lakhs Seedlings
			Urban Plantation Seedling 13.83 Lakhs
			Seedling Distribution 187.006 Lakhs
			AR Block 625 Ha.
			Seedling Plated 10.00 Lakhs
			AR Block 180 Ha.
			ANR With gap AR 575 Ha.
			AR Bald Hill 120 Ha.
2016-17	OMC	CSR Plantation	Avenue Plantation 85 Rkm.
			Seedling Distribution 15.94 Lakhs
2016-17	OEMF	JBP Plantation, Avenue, Bald Hill Pfanation	Seedling Plated 7.32 Lakhs
			AR Block 875 Ha.
2016-17	NAP, GIM	VSS Assigned area plantation	ANR With gap AR 3170 Ha.
			Avenue Plantation 5.6 Rkm
2016-17	Central Plan	Mangrove Plantation, NBM Erichant Plantation	Seedling Planted 19.23 Lakhs
			AR Block 2345 Ha.
2016-17	MGNREGA	AR, ANR, Avenue Plantation	Seedling Plated 8.24 Lakhs
			AR Block 1329 Ha.
2016-17	MGNREGA	AR, ANR, Avenue Plantation	ANR With gap AR 16986 Ha.
			Avenue Plantation 3957 Rkm
2016-17	MGNREGA	AR, ANR, Avenue Plantation	Seedling Planted 77.12 Lakhs
			AR Block 50 Ha.
Total 2016-17			20423.02
2016-17	Central Plan	ICZMP, Mangrove Plantation , urban tree planting , SSO Timber coupe 2016-17	ANR SMC (without Gap) 113703.6Ha.
			Seedling Distribution 1.9577 Lakhs
Total 2016-17			817.64

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(c)-3 Forestry and other related (Afforestation) schemes in the state of Odisha during (2014-2015 to 2018-19)				
Year	Scheme	Activities takenup	Physical Achievement	Financial Achievement (in Lakhs)
2017-18	State Plan	Mangrove, Casuarina Plantation, SMPB seedling distribution	AR Block 253 Ha.	234.67
			Seedling Distribution 1.155 Lakhs	
	OEMF	Urban Tree Plantation	Seedling Plated 7.28 Lakhs	142.55
			Urban Plantation Seedling 3.3753 Lakhs	
	CSR/DMF	MCL, OMC, AR Plantation urban, DMF	AR Block 625 Ha.	979.15
			Urban Plantation Seedling 6.94694 Lakhs	
			Seedling Distribution 1.5 Lakhs	
			Seedling Plated 16.94694 Lakhs	
	MGNREGS		AR Block 2947.218 Ha.	6361.17
			ANR With gap AR 12919 Ha.	
ANR 5MC (without Gap) 980 Ha.				
Avenue Plantation 2873.5 Rkm				
Total 2017-18			Seedling Planted 82.9291 Lakhs	8535.18
2018-19	State Plan converged with MGNREGS	Plantation, OBDP Plantation, Agro-Forestry, Avenue Plantation, Mgmt. Of Pitts & Forests (IWP), Mgmt. Of Pitts & Forests (OWP), Tree outside Forest (ToF)	AR Block 1438.85 Ha.	7902.68
			Avenue Plantation 539 Rkm	
	MGNREGS	Pure MGNREGS	Seedling Distribution 112.12 Lakhs	833.73
			Seedling Plated 20.15 Lakhs	
			AR Block 2075.23 Ha.	
			ANR With gap AR 17165 Ha.	
	CSR	CSR (OMC)	Avenue Plantation 3135 Rkm	12320.6
			Seedling Distribution 29.41 Lakhs	
	State Plan (IGC & GMM)	Urban Tree Plantation by Corporate Sector, Green Mahanadi Mission, State plan fodder plantation, SMPB	Seedling Plated 80.42 Lakhs	2163.98
			AR Block 590 Ha.	
AR Block 1103.25 Ha.				
ANR With Gap AR 4196 Ha.				
Central Plan	NAP, GIM, Central plan NBM, OBDA, Bamboo Plantation	Avenue Plantation 562 Rkm	23220.99	
		Urban Plantation Seedling 12.165 Lakhs		
		Seedling Distribution 8.58 Lakhs		
Total 2018-19			Seedling Planted 33.18 Lakhs	
			AR Block 646.81 Ha.	
			ANR With gap AR 3655 Ha.	
			Seedling Planted 14.230 Lakhs	

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Financial target and achievement under Non-Plan, State Plan Scheme from 2014-15 to 2016-17 in respect of Wildlife Organisation (Rs. in lakh)						
Sl. No	Name of the Scheme	2014-15	2015-16	2016-17	2017-18	2018-19
		Exper. incurred	Exper. incurred	Exper. incurred	Exper. incurred	Exper. incurred
1	2	3	4	5	6	7
STATE PLAN						
Forestry & Wildlife - 02- Environmental Forestry & Wildlife						
1	Wildlife Protection & Conservation Measures those for Blackbucks and Fresh water turtles etc.	1190.986	1815.860	0.000	0.000	0.000
2	Wildlife Protection & Conservation Measure			2000.000	1818.590	2219.000
3	Eco-Tourism in Wildlife Sanctuaries etc. under One Time ACA	193.990	0.000	0.000	0.000	0.000
4	Development of Eco-tourism	0.00	0.00	1000.00	799.49	844.41
5	Integrated Development of Wildlife Habitats-State share of exper. under CSP Scheme	52.517	0	0	0	0
6	Integrated Development of Wildlife Habitats (CSS)		476.37	470.408	0	0
7	Implementation of Elephant Management Plan	399.480	442.200	0.000	0	0
8	Development and Management of Elephant Corridor	495.750	517.780	0.000	0	0
9	Management of Elephant and Corridor		0.000	795.730	1000.000	1109.510
10	Strengthening of Transmission line in Elephant Corridor	0.000	0.000	0.000	0.000	0.000
11	Protection & conservation of Olive Ridley Turtles	70.000	70.000	0.000	0.000	0.000
Zoological Park- Nature Conservation		0	0	0	0.000	0.000
1	Nature Conservation (State share of expenditure in CSP scheme)	0	0	0	0.000	0.000
2	Development & Beautification of Nandankanan Zoo	0	0	0	0.000	0.000
3	Elephant Management Project (CSS)	0	0	410.05	0.000	0.000
4	Conservation & Management of Mangroves (CSS)		0	122.21	0.000	0.000
5	Satkosia Tiger Reserve (State share of exper. in CSP)	315.278	0	0	0.000	0.000
6	Satkosia Tiger Reserve (CSS)	0	318.93	666.165	0.000	0.000
7	796-Tribal Area-Sub-Plan- State share of expenditure in the C.S.P. Scheme - Similipal Tiger Reserve	664.292	0	0	0.000	0.000
8	Similipal Tiger Reserve (CSS)	0.000	663.87	1083.03	0.000	0.000
9	Similipal Biosphere Reserve (CSS)	0.000	0	172.0992	0.000	0.000
State Plan Programme Expenditure		0.000	0.000	0.000	0.000	0.000
10	Relocation of villages form Sanctuaries and National Parks	0.000	0.000	0.000	200.00	0.000
11	Devt. And beautification of Nandankanan Zoo	0.000	0.000	0.000	500.00	588.01
TOTAL STATE PLAN		3382.2930	4305.0100	6719.6922	4318.0805	4760.9300
12	4406-Captial Outlay - Construction of Prakruti Bhawan	0	0.000	0.000	0.000	0.000
GRAND TOTAL STATE PLAN		3382.2930	4305.01	6719.6922	4318.0805	4760.9300
Demand No.22-2406-Forestry & Wildlife-110-Wildlife Preservation-02-Environmental Forestry & Wildlife						
CENTRAL PLAN						
13	Integrated Debt. of Wildlife habitats	334.37	0.000	0.000	579.37449	806.0884
14	Elephant Management Project	169.05	106.66	0.000	271.404	328.8
15	Similipal Biosphere Reserve	0.000	0.000	0.000	271.8898	224.409
16	Similipal tiger Reserve including 4th All india Tiger Estimation	0.000	0.000	0.000	1199.32477	1334.33
17	Relocation of villages from National Parks and Sanctuaries	0	0	0.000	0.000	0.000
18	Satkosia Tiger Reserve	0.000	0.000	0.000	1600.02787	622.81
3435-Evology & Environment -03-Environmental Research & Ecological Regeneration						
19	Conservation and Management of Mangroves	97.98	66		149.03	68.384
GRAND TOTAL CENTRAL PLAN		601.4	172.66	0	4071.05093	3384.8214

**(c)-2 Wildlife Management out of other schemes in the State Of Odisha during
2014-15 to 2018-19 (Rs. in lakh)**

Year	Name of the Scheme	Physical Activities	Financial Achievement (in Lakhs)	
2014-15	STATE PLAN	Forestry & Wildlife - 02- Environmental Forestry & Wildlife		
		Wildlife Protection & Conservation Measures those for Blackbucks and Fresh water turtles etc.	1190.986	
		Eco-Tourism in Wildlife Sanctuaries etc. under One Time ACA	193.990	
		Integrated Development of Wildlife Habitats-State share of expndr, under CSP Scheme	52.517	
		Implementation of Elephant Management Plan	399.480	
		Development and Management of Elephant Corridor	495.750	
		Protection & conservation of Olive Ridley Turtles	70.000	
		Zoological Park- Nature Conservation		
		Satkosia Tiger Reserve (State share of exper. in CSP)	315.278	
		796-Tribal Area-Sub-Plan- State share of expenditure in the C.S.P. Scheme - Similipal Tiger Reserve	664.292	
	GRAND TOTAL STATE PLAN		3382.2930	
	CENTRAL PLAN	Demand No.22-2406-Forestry & Wildlife-110-Wildlife Preservation-02-Environmental		
		Integrated Devt. of Wildlife habitats	334.37	
		Elephant Management Project	169.05	
		3435-Evology & Environment -03-Environmental Research & Ecological Regeneration		
		Conservation and Management of Mangroves	97.98	
	GRAND TOTAL CENTRAL PLAN		601.4	
2015-16	STATE PLAN	Forestry & Wildlife - 02- Environmental Forestry & Wildlife		
		Wildlife Protection & Conservation Measures those for Blackbucks and Fresh water turtles etc.	1815.860	
		Integrated Development of Wildlife Habitats (CSS)	476.37	
		Implementation of Elephant Management Plan	442.200	
		Development and Management of Elephant Corridor	517.780	
		Protection & conservation of Olive Ridley Turtles	70.000	
		Zoological Park- Nature Conservation	0	
		Satkosia Tiger Reserve (CSS)	318.93	
		Similipal Tiger Reserve (CSS)	663.87	
	GRAND TOTAL STATE PLAN		4305.01	
	CENTRAL PLAN	Demand No.22-2406-Forestry & Wildlife-110-Wildlife Preservation-02-Environmental		
		CENTRAL PLAN		
		Elephant Management Project	106.66	
		3435-Evology & Environment -03-Environmental Research & Ecological Regeneration		
Conservation and Management of Mangroves		66		
GRAND TOTAL CENTRAL PLAN		172.66		
2016-17	STATE PLAN	Forestry & Wildlife - 02- Environmental Forestry & Wildlife		
		Wildlife Protection & Conservation Measure	2000.000	
		Development of Eco-tourism	1000.00	
		Integrated Development of Wildlife Habitats (CSS)	470.408	
		Management of Elephant Corridor	795.730	
		Zoological Park- Nature Conservation	0	
		Elephant Management Project (CSS)	410.05	
		Conservation & Management of Mangroves (CSS)	122.21	
		Satkosia Tiger Reserve (CSS)	666.165	
		Similipal Tiger Reserve (CSS)	1083.03	
		Similipal Biosphere Reserve (CSS)	172.0992	
GRAND TOTAL STATE PLAN		6719.6922		

**(c)-2 Wildlife Management out of other schemes in the State Of Odisha during
2014-15 to 2018-19 (Rs. in lakh)**

(498/50)

Year	Name of the Scheme	Physical Activies	Financial Achievement (in Lakhs)
	CENTRAL PLAN		0.000
2017-18	STATE PLAN	Forestry & Wildlife - 02- Environmental Forestry & Wildlife	
		Wildlife Protection & Conservation Measure	1818.590
		Development of Eco-tourism	799.49
		Management of Elephant Corridor	1000.000
		State Plan Programme Expenditure	
		Relocation of villages form Sanctuaries and National Parks	200.00
		Devt. And beautification of Nandankanan Zoo	500.00
		GRAND TOTAL STATE PLAN	4318.0805
		Demand No.22-2406-Forestry & Wildlife-110-Wildlife Preservation-02-Environmental	
	CENTRAL PLAN	Integrated Devt of Wildlife habitats	579.37449
		Elephant Management Project	271.404
		Similipal Biosphere Reserve	271.8898
		Similipal tiger Reserve including 4th All india Tiger Estimation	1199.32477
		Satkosia Tiger Reserve	1600.02787
		3435-Evology & Environment -03-Environmental Research & Ecological Regeneration	
Conservation and Management of Mangroves		149.03	
GRAND TOTAL CENTRAL PLAN	4071.05093		
2018-19	STATE PLAN	Forestry & Wildlife - 02- Environmental Forestry & Wildlife	
		Wildlife Protection & Conservation Measure	2219.000
		Development of Eco-tourism	844.41
		Management of Elephant and Corridor	1109.510
		State Plan Programme Expenditure	0.000
		Devt. And beautification of Nandankanan Zoo	588.01
		GRAND TOTAL STATE PLAN	4760.9300
			Demand No.22-2406-Forestry & Wildlife-110-Wildlife Preservation-02-Environmental
	CENTRAL PLAN	CENTRAL PLAN	
		Integrated Debt. of Wildlife habitats	806.0884
		Elephant Management Project	328.8
		Similipal Biosphere Reserve	224.409
		Similipal tiger Reserve including 4th All india Tiger Estimation	1334.33
		Satkosia Tiger Reserve	622.81
		3435-Evology & Environment -03-Environmental Research & Ecological Regeneration	
Conservation and Management of Mangroves	68.384		
GRAND TOTAL CENTRAL PLAN	3384.8214		

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(C) Abstract of Financial Achievement last 5years in Affn. & WL sector under State Plan (In Lakhs)			
Year	Afforestation Activity	Wildlife Management	Total
2014-15	21669.61	3382.29	25051.90
2015-16	18661.03	4305.01	22966.04
2016-17	11068.90	6719.69	17788.59
2017-18	1356.37	4318.08	5674.45
2018-19	13154.33	4760.93	17915.26

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(d) Year wise Forest Area Diverted in the State since 1980 to 2018(June)

Sl. No.	Year	Forest Area Diverted. (In Ha)
1	2	3
1	1980	-
2	1981	-
3	1982	218.31
4	1983	284.07
5	1984	1029.22
6	1985	531.74
7	1986	769.87
8	1987	1788.41
9	1988	836.46
10	1989	1737.99
11	1990	2630.13
12	1991	2.66
13	1992	407.73
14	1993	4729.25
15	1994	407.37
16	1995	317.94
17	1996	1354.61
18	1997	1551.71
19	1998	4705.75
20	1999	480.78
21	2000	1137.30
22	2001	1509.34
23	2002	607.82
24	2003	1447.75
25	2004	594.29
26	2005	2648.57
27	2006	1167.82
28	2007	1806.87
29	2008	796.42
30	2009	2938.05
31	2010	752.13
32	2011	992.75
33	2012	237.45
34	2013	2580.57
35	2014	2645.99
36	2015	1458.13
37	2016	603.54
38	2017	733.30
39	2018 (Upto June 2018)	1583.23
	Total	50025.32

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(e) Year wise total Compensatory Afforestation carried out in the state since 1980 to 2018(June)

Sl. No.	Year	Compensatory Afforestation carried out against diversion of forest area as mentioned in column no.3 in subsequent years (in ha)	Extra compensatory afforestation carried out in additional degraded forest land identified to accommodate balance no. of plants as prescribed in final approval order (in ha)
1	2	3	4
1	1980	-	-
2	1981	-	-
3	1982	2.80	0
4	1983	79.98	0
5	1984	1130.84	0
6	1985	485.60	0
7	1986	537.00	0
8	1987	1477.38	0
9	1988	1127.98	0
10	1989	2103.23	0
11	1990	3571.37	0
12	1991	1.00	0
13	1992	376.01	0
14	1993	5483.36	0
15	1994	407.00	0
16	1995	279.16	0
17	1996	1567.25	0
18	1997	1453.52	0
19	1998	6162.67	0
20	1999	778.50	0
21	2000	1922.41	0
22	2001	1646.87	0
23	2002	868.72	0
24	2003	1797.80	0
25	2004	861.98	0
26	2005	2814.69	0
27	2006	1131.47	0
28	2007	1505.29	0
29	2008	798.74	0
30	2009	2269.63	1675.00
31	2010	802.36	0
32	2011	868.47	0
33	2012	1810.23	0
34	2013	7090.53	0
35	2014	3449.29	966.77
36	2015	1609.89	370
37	2016	347.21	0
38	2017	0.00	0
39	2018 (Upto June 2018)	0.00	0
Total		58620.20	3011.77

NB - Achievement of compensatory afforestation as given above is upto June 2018. Compensatory afforestation against diversion of forest land for the year 2016 (part), 2017 and 2018 (upto June 2018) has been included in CAMPA APO 2017-18 and 2019-20.

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INTERNAL AND EXTERNAL MONIROING OF CAMPA WORKS

F Details of Internal Monitoring

1. The monitoring of the Campa activities is an ongoing process. There are different levels of monitoring. As per the Odisha Forest Code, the works are inspected by the field officers. They do the inspections, study and analyse the field position and give the directions to the field staff for further improvisation.
2. All the Muster rolls are checked by the Range Officers (50%), ACF (20%), DFO (10%)
3. All the work sites are inspected by the field officers in the proportions enunciated as per the Forest Code.
4. The officers of the PCCF office are designated to visit the circles and do the field inspections and guide the field staff accordingly.
5. The technology has been leveraged for monitoring the works.
6. Forest Information Technology & Geomatic Centre (FITGC) has been developed in the State Forest Hqrs which plays a key role in forests and wildlife management and its protection. In the said centre, monitoring of different activities like forest and wildlife protection, forest fire, activities undertaken under CAMPA funding through e-Green Watch, afforestation etc. is being taken up.
7. In the forest protection, more focus is given on foot patrolling by frontline staff which is also being monitored in the above centre. On an average, 1,00,000 KMs of foot patrolling is being done by the frontline staff per month using GPS-PDA and android based mobile loaded with appropriate apps which is being monitored online.
8. The forest fire monitoring is being done on MODIS and SNPP satellite platform in the above centre. There are 23 different apps for implementation / monitoring of different activities aimed towards better forest management and protection. To control/monitor all the above activities, a Geomatic and other CIT Infrastructure has been installed in

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- the Forest Hqrs FITGC Cell which is being utilized for the purpose and about 10 TB data is being managed in the FITGC Cell.
9. Customized GAGAN enabled GPS-PDA devices has been provided to all the Ranges in the field and is being utilized for operating different forestry applications being used for forest and wildlife management and protection. Mobile sets are being also utilized by the field functionaries for using the above forestry applications.
 10. Even Elephant movements are monitored through apps and at many times, it has come handy to avoid accidents.

G Third Party Monitoring:

1. As per CAMPA guidelines, all the activities of previous operations carried out under CAMPA are to be monitored and evaluated by an independent/3rd party organization to assess the quality as well as effective utilization of funds. For this, tender has been floated and after due technical and financial evaluations, M/s CTRAN Consulting Ltd. is finalized for doing 3rd party evaluation and contract is signed with them on 9.11.2018 and they have already submitted inception report in February 2019, Interim report in September 2019 and the work is in advance stage, in another four months the evaluation report will be ready.

2. The process has been started for the appointment of internal auditors to audit the campa works. Their job is to ensure all the financial procedures, procurement rules are followed scrupulously in the divisions. Also they will see the implementation of Direct Benefit Transfers to the individual beneficiaries, submission of monthly accounts, MPR, QPR, etc. The auditors will give half yearly reports on the working Campa Act and Rules. This will be done from the current financial year.

3. AG has audited the Campa accounts since inception of APO i.e 2009-10 to 2016-17 and submitted the reports.

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PART- II

CAMPA APO 2019-20

- 1. EXECUTIVE SUMMARY OF PART-II & III**
- 2. DETAIL OF COMPENSATORY AFFORESTATION
& INTEGRATED WILDLIFE MANAGEMENT PLAN**

STATION
ENT PLAN

EXECUTIVE SUMMARY OF PART-II & III



1. Introduction

1.1 State CAMPA-Orissa (Compensatory Afforestation Fund Management and Planning Authority) has been constituted on 14.08.2009 in consonance with the guidelines issued on 21.07.2009 by the Government of India, Ministry of Environment and Forests and Hon'ble Supreme Court's Judgment dated the 10th July 2009.

1.2 The Compensatory Afforestation Fund Act, 2016 has been enacted on Aug 3rd 2016 and the Compensatory Afforestation Fund Rules, 2018 have been notified on 10th August, 2018.

1.3 State Compensatory Afforestation Fund has been created under Section 4(1) of the Act under interest bearing Public Account of the State.

1.4 State Fund will receive monies from the following sources.

- 1) Unspent balance of all monies by Adhoc Authority.
- 2) 90% of all monies collected by State and placed under Adhoc Authority along with interest accrued thereon.
- 3) All monies realized from User Agencies by the State towards CA, ACA, PCA, NPV, Catchment Treatment Plan, etc.
- 4) Funds recoverable from User Agencies for area diverted within protected areas.
- 5) Grant-in-aid, loans, gifts or donations received by State Authority.

1.5. "State Compensatory Afforestation Fund Management and Planning Authority" or State Authority has been constituted by a notification in the Official Gazette. (*Annexure I- I*). The State Authority has a Governing Body, Steering Committee, Executive Committee and there will be a Chief Executive Officer to look into the day to day functioning of the Authority. Different bodies of the State Authority have been notified by the State Government.

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1.6 The State Government has notified the head in which monies are to be deposited. (*Annexure I-II*)

1.7 Monies received for CA, ACA, PCA, CATP etc. are to be utilized for the said purpose. Monies received towards NPV are to be utilized as per the approved APO. 10% of the amount realized from User Agencies is to be transferred to National Fund. The procedure for utilization of campa funds in the state is notified by the State Government on 27.06.19, placed at *Annexure I-III*

1.8 State CAMPA fund realized under NPV comprises money realized towards Net Present Value (NPV) has to be utilized through an approved Annual Plan of Operations. 80% of the funds under NPV as per Rule 5(2) are to be utilized for the following activities:

1. Assisted Natural Regeneration ✓
2. Artificial Regeneration ✓
3. Silvicultural operation in forests ✓
4. Protection of plantations and forests ✓
5. Pest and disease control in forests ✓
6. Forest fire prevention and control ✓
7. Soil and Moisture Conservation measures, Improvement of wildlife habitat ✓
8. Rejuvenation of forest cover in non-forest land in wildlife corridor ✓
9. Establishment and maintenance of rescue centres and veterinary treatment to wild animals ✓
10. Voluntary relocation of villages from protected area ✓
11. Supply of fuel wood saving cooking devices ✓
12. Management of biological diversity and resources ✓

20%

1.9 20% of the NPV is to be utilized as per the rule 5(3) for the following activities:

1. Strengthening Forest & Wildlife related infrastructure, Capacity Building etc.
2. Establishment and maintenance of modern nurseries ✓



3. Promoting conservation and sustainable use of biological diversity, documentation etc ✓
4. Purchase and maintenance of equipments for communication and information technology ✓
5. Construction and maintenance of inspection paths, forest roads, fire lines, watch towers etc. ✓
6. Construction of residential and office buildings for the front line staff. ✓
7. Engagement of local people for assisting Forest Deptt. for protection of forest and Wild life. ✓
8. Survey and mapping of forest areas ✓
9. Monitoring and evaluation ✓
10. Publicity and awareness ✓
11. Production and distribution of Quality Planting Material at subsidized price ✓
12. Forest Certification ✓

1.10 The formulation of Annual Plan of Operation 2019-20 is based on the Compensatory Afforestation Fund Act, 2016 and The Compensatory Afforestation Fund Rules, 2018.

1.11 The principal amount lying to the credit of State of Odisha after reconciliation in Jan, 2019 is Rs.5933.98 Cr.

1.12 The State CAMPA, Odisha has till now formulated 9 Annual Plans of Operation and the total funds received from the Adhoc CAMPA upto APO year 2017-18 stands at Rs.2644.15 Cr.

APO	Outlay (Rs. in Cr)	Fund received from Adhoc CAMPA	Expenditure incurred
2009-10	238.40	131.06	124.13
2010-11	140.18	140.18	88.72
2011-12	176.09	176.09	120.24
2012-13	265.27	205.82	172.10
2013-14	263.68	180.00	230.95
2014-15	429.58	322.00	342.07
2015-16	516.93	473.00	460.01

2016-17	540.43	477.00	445.41
2017-18	566.13	539.00	509.58
Total	3136.69	2644.15	2493.21

2. Components of APO 2019-20

2.1 The Annual Plan of Operation of 2019-20 has been formulated on the basis of New CAMPA Act & Rules. The details of Plan are elaborated below:

- Implementation of the site-specific schemes of Compensatory Afforestation (CA), Penal Compensatory Afforestation (PCA), Leftover Compensatory Afforestation, 1.5 Times Safety Zone, Canal Bank Plantation approved along with the forest diversion proposal, is the first charge on the CAMPA fund. A total of Rs. 48.84 Cr has been earmarked for Compensatory Afforestation and other related activities.
- Implementation of Integrated Wildlife Management Plan has also been proposed with two subcomponents like Regional Wildlife Management Plan and Site Specific Wildlife Conservation Plan. A total of Rs.36.45 Crores has been earmarked for these activities, out of which Rs.35.72 Cr is for Site Specific Wildlife Conservation Plan and 0.73 Cr is for comprehensive Regional Wildlife Management Plan.
- 80% of NPV funds in the Plan are earmarked for "core activities" which include the activities, viz. Plantations, Bamboo Silvicultural Operations, forest protection, Wildlife Management, Plantations in the Vana Samrakshana Samithi managed areas, etc. The total funds allocated for this is Rs. 407.32 Cr.
- Upto 20% of the funds under NPV would be invested in activities, viz. development of infrastructure, establishment and maintenance of nurseries, capacity building, forest survey, strengthening of forestry training institutions, Monitoring and evaluation, forestry research, Forest IT (Information & Communication Technology) & Geomatics, etc. A total funding of Rs.99.91 Cr is allocated for this.

Forest area of Govt land

- Component wise budget allocated for different activities is given in the following table:

Sl.No	Component of work	Financial Outlay (Rs in Cr.)
1	CA, Addl CA, PCA, SZ, 1.5 SZ etc	48.84
2	Integrated Wildlife Management Plan	
	(i) Regional Wildlife Management Plan	0.73
	(ii) Site Specific Wildlife Conservation Plan	35.72
	Net Present Value	
	80% Activities	
3	Plantations	158.36
4	Bamboo SSO	16.26
5	Forest Protection	54.15
6	Wildlife Management	96.98
7	Ama Jangala Yojana	81.57
	Total 80% Activities	407.32
	20% Activities	
8	Infrastructure Development	69.30
9	Research	2.85
10	Frontline staff capacity building infrastructure development and upgradation	6.01
11	Capacity Building	1.75
12	Forest IT & Geomatics	15.00
13	Monitoring & Evaluation	5.00
	Total 20% Activities	99.91
	GRAND TOTAL	592.52

3 Site specific Compensatory Afforestation, Additional Compensatory Afforestation, Safety Zone Plantation, 1.5 Safety Zone Plantation, Avenue plantation etc.

- 3.1 The current year, a total 5466.12 ha plantation & 31.1 RKM canal bank plantation is proposed to be taken up. The Compensatory Afforestation will be carried out over an area of 3530.37 ha, 1.5 times safety zone, 10 times tree plantation will be carried out in 1838.10 ha. In addition, left over CA of 97.65 ha will also be done in the current year. The details are elaborated in the following table: All these plantations include Block,

ANR and Bald hill categories. In addition maintenance of earlier raised plantations will also be done, the details of which are in the table below.

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DETAILS OF THE CURRENT YEAR CA, PCA PLANTATIONS				
S.No.	Type of Plantation	Category (Ha)	Physical Target (Ha/RKM)	Financial Outlay (Lakhs)
1	Current year CA	Block	526.64	
		ANR	2689.00	
		Bald Hill	314.73	
	Total		3530.37	1155.51
2	1.5 times Safety Zone,	Block	20.79	
	10 times Tree Plantation, SMC, etc.	ANR	1661.56	
		Bald Hill	155.75	
	Total		1838.10	2324.34
3	Leftover CA	ANR	4.48	
		ANR without gap	93.17	
		Total	97.65	12.27
4.	Canal Bank Plantation		31.1 RKM	15.80
	Total	5466.12 ha Plantation	31.1 RKM	3507.92

DETAILS OF THE 2 nd YEAR, 3 rd YEAR, 4 th year 5 th year, 6 th year maintenance and P.O. of CA, PCA PLANTATIONS				
S.No.	Type of Plantation	Category (Ha)	Physical Target in Ha.	Financial Outlay (Lakhs)
1	2 nd year maintenance	Block	222.82	
		ANR	1984.04	
		Bald Hill	48.25	
		Tree Plantation	2300 (no.)	
		Avenue	7000 (no.)	
	Total		2255.11	228.92
2	3 rd year maintenance	Block	79.70	
		ANR	4609.27	
		Bald Hill	152	
		Tree	100 (no.)	

		Plantation		
		Avenue	44681 no.	
	Total		4840.97	268.08
3	4 th year maintenance	Block	452.83	
		ANR	3331.68	
		Bald Hill	168	
		Avenue	27300 (no.)	
		Total	3952.51	132.30
4	5 th year maintenance	Block	561.40	
		ANR	3595.59	
		Avenue	30.44(Rkm) or 35382 no.	
		Total	4156.99	116.57
5	6 th year maintenance	Block	418.49	
		ANR	4754.01	
		Total	5172.5	64.18
6	P.O.	Block	500	
		ANR	4000	
		Bald Hill	200	
		Total	4700	566.24
		Grand Total	29919.05 ha	1376.29
			72082 no. 30.44 Rkm	

3.2 Financial outlay for Compensatory Afforestation, Addl. Compensatory Afforestation, etc. under APO 2019-20 stands at Rs.3507.92 lakhs + Rs.1376.29 lakhs = Rs.4884.21 lakhs.

578
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**ACTIVITIES
UNDER 80%
NPV**



4. Plantations

Several types of plantation activities will be taken up in 2019-20 APO. These are 20000 ha ANR, 2000 ha Block, 2000 ha Bamboo plantations and 76 RKM of Avenue plantations in Kendrapada district under Jal Sakthi Abhiyan, as per the latest directives of MoEF&CC in this regard. Apart from this, maintenance of previous year plantations will be done. In addition an amount of Rs. 20 Crores has been kept for taking out pre planting activities for the plantation to be done in 2020-21. In addition, Odisha is effected by a severe cyclonic storm "Fani" in the month of May. In this cyclone, Puri Coast is badly affected and the entire vegetation of Balukhand-Konark area severely devastated. Nearly 5000 ha is affected. It is proposed to carry out 400 ha of ANR @600 plants/ha with majority of Casuarina and to some extent other species like Karanja, Polanga, Neem, Banyan, Jamun, etc. The cost of this plantation for first year is @ 24,189 per ha and the total cost of this Fani affected plantation is proposed at Rs. 96,75,600. The total financial outlay for plantation works stand at Rs. 158.36 Crore.

5. Bamboo SSO

Bamboo Subsidiary Silvicultural operations will be carried out over an area of 1,62,600 ha. The cost proposed for this activity is slated at Rs.16.26 Crores.

6. Forest Protection

6.1 Protection for mitigating loss of forest resources through protection squads would be continued. These squads will be deployed in 32 identified vulnerable sites in 24 divisions. They will be doing the protection job in the vulnerable sites. For this there will be movement through patrolling vehicles.

6.2 In addition, there will be continued deployment of 195 Para Forest protection squads in Ranges for doing the protection job.

6.3 Forest Protection Cell will be continued to be operated at Division, Circle and State level to continuously monitor the protection activities.

6.4 Management and Control of Forest Fire: 216 fire protection squads will be deployed during the fire season in 37 divisions which is being done in the earlier APOs as well in consonance with the National Fire

Prevention Action Plan. There will also be creation and maintenance of fire line over 8000 KM.

The total financial outlay for forest protection including fire protection is Rs.5415.29 Lakhs.

7. Wildlife Management

Different activities that will be taken up in Wildlife Management are anti-degradation, forest & wildlife protection, relocation of villages from protected areas, wildlife habitat improvement, SMC works in wildlife habitat, animal rescue centres, management of biological diversity, research, provision of alternative wood saving appliances in and around protected areas to reduce pressure on forest. The total financial outlay for Wildlife Management Plan is Rs.96.98 Crores.

8. Aama Jangala Yojana

8.1 Aama Jangala Yojana is one of the pilot schemes of Govt. of Odisha aiming at management and protection of forest, biodiversity & resources through involvement of local communities through Afforestation programme which involves community capacity building, SMC works, ANR works with a focus on the VSS, with a total project outlay of Rs.1170.03 Cr. for six years.

8.2 Under APO 2019-20, 540 VSS would be covered in 23 Forest Divisions. Preparatory works like Survey and Demarcation, Boundary clearance, RCC pillar posting, microplan preparation, etc. will be taken up.

8.3 Preliminary operation (0th year) for ANR without gap over 27000ha, plantations over 25000 ha. will be taken up in the current year APO period

8.4 2nd year ANR maintenance of 25000 ha and ANR 3rd year maintenance over 105283 ha and Block plantation 3rd year maintenance over 1010 ha will be taken up.

8.5 Support activities like capacity building of forest personnel and support personnel will be taken up.

Financial outlay for Aama Jangala Yojana under APO 2019-20 stands at Rs.81.57 Crore.

~~S/O~~
S/O

***ACTIVITIES
UNDER 20%
NPV***

9. Infrastructure Development

- 9.1 It has been proposed to construct 30 no. of Range officer Residence @ 12.23 lakhs /one.
- 9.2 There will be construction of 75 no of Forester quarters, 200 no of Forest Guard quarters in this Plan period.
- 9.3 Repair of Forest Road over 1000 KM, construction of 137 nos of Culvert and 234 units of Causeway will be taken up.
- 9.4 Maintenance of permanent/mega nursery will be done.
- 9.5 Communication facility and infrastructure like barrack, anti-poaching Check gate, floating jetty etc. under wildlife management will be taken up. The financial outlay under Infrastructure Development stands at Rs.69.30 Crore.

10. Research

Different activities under Research & Development like Production of QPM, Maintenance of Plus Trees (Old), Ex-situ conservation of Mesua ferrea, Maintenance of Santalum album plantation with different host species, Maintenance of Hi-Tech Nursery and other nursery, Maintenance of Research stations, Creation of sample plots in RET seedling plantations will be taken up etc. In the current Plan period, a new project on NTFP sustainable management in tribal areas will be taken up. Similarly, research activities in Protected Areas will also be taken up under wildlife wing. The total financial out lay under Research is Rs 2.85 crore.

No provision of research in the Rules

11. Capacity Building & Frontline Staff Training

Capacity building of forest staff at different levels will be taken up. Total financial outlay on capacity building stands at Rs 1.75Crores. *(Repetitively)*

Improvement and Development of infrastructure to enhance the capacity of providing the training to frontline staff will be taken up

in Forest Ranger's College and Forester, Forest Guard Training Schools, with a financial outlay of Rs.6.01 Crores.

12. Forest IT & Geomatics

Demarcation of forest block boundaries using DGPS as mandated by Hon'ble Supreme Court will be taken up. Odisha has pioneered DGPS survey in the country and it is going to start in the current year. Forest Information Technology & Geomatic Centre (FITGC) at O/o PCCF & HoFF, Odisha will be continued to be maintained for using different applications that are being utilized to monitor forest protection, fire prevention and forest management. The server requisite FITGC CIT/Geomatics facilities installed for the purpose at forest headquarters will be maintained.

The total financial outlay towards Forest IT & Geomatics under APO 2019-20 is Rs. 15.00 Crore.

13 Monitoring, Evaluation

13.1 Monitoring and Evaluation of CAMPA activities by an independent/3rd party organization to assess the quality as well as effective utilization of funds is proposed to be taken up. The contract has been signed with M/s CITRON Consulting Ltd for doing 3rd party monitoring. In addition, there will be uploading of data in e-green watch, CAMPA trekker for account monitoring with the help of data integrators and data analysts employed at different Divisions/Ranges. The financial outlay for monitoring & evaluation is Rs. 5.00 crore.

14. Duration of the Plan

APO 2019-20 will be co terminus with the financial year, it will start from April 2019 and ends on March 31st, 2020.

15 Plan Outlay

The projected cost of implementing various components of APO 2019-20 is as under.

Components	Financial Outlay
1. Implementation of CA, PCA, etc.	48.84
2. IWMP	36.45
3. Plantation	158.36
4. Bamboo SSO	16.26
5. Forest Protection.	54.15
6. Wildlife Protection and Management	96.98
7. Aama Jangala Yojana	81.57
8. Infrastructure Development	69.30
9. Research	2.85
11. Capacity Building <i>This also includes 9</i>	7.76
12. Forest IT & Geomatics	15.00
12. Monitoring & Evaluation	5.00
Grand Total	592.52

*data
integrations
& data analysis*

II. COMPENSATORY AFFORESTATION

2.1 Introduction

Implementation of the site-specific schemes of Compensatory Afforestation (CA), Penal Compensatory Afforestation (PCA), Catchment Area Treatment Plan (CATP), etc., approved along with the forest diversion proposal is the first charge on the CAMPA fund. The total forest area diverted in the State under Forest (Conservation) Act, 1980 stands at 50025.3198 ha against which MoEF & CC has stipulated Compensatory Afforestation over 66560.4628 ha. CA has already been undertaken up to 30.06.2018 over an area of 58620.3452 ha upto 30.06.2018, the achievement in the current year is 2165.3615 ha, leaving a balance area to be covered 5774.7561 ha. The proposal for carrying out Compensatory Afforestation under APO 2019-20 is 3628.0202 ha (current CA area of 3530.37 ha + Leftover CA area of 97.65 ha).

S.NO.	Area Category	Area in Ha
1.	Total Forest Area Diverted upto 30/06/2018	50025.3198
2	Total Stipulated Area (As per GOI) for Compensatory Afforestation upto 30/06/2018	66560.4628
3.	Compensatory Afforestation completed upto 30/06/2018	58620.3452
4.	Current year achievement	2165.3615
5.	Balance Area to be covered	5774.7561
6.	Proposed CA in APO 19-20	3628.0202

2.2 Apart from CA, 1.5 times SZ plantation over an area of 20.79 ha, 10 times tree plantation, SMC etc. over 1661.56 ha, Bald hill plantation over 155.75 ha, left over CA over an area of 97.65 ha and Canal bank plantation over 31.1 RKM will also be taken up. Ancillary activities like fencing, SMC measures will be carried out as per site specific scheme approved of by MoEF&CC. Further, the maintenance of the previous year plantation and the pre-planting operation of plantation to be taken up during 2019-20 have

been included in the APO. The financial outlay for plantations under CA, PCA etc. has been kept at Rs.48.84 Crore, in which the outlay for the current year plantation is Rs.35.08 Cr and for the maintenance of previous year plantations and Preliminary operations for next year plantations is capped at Rs.13.76 Crores. The details of the current year plantations under CA, PCA and the maintenance of previous year plantations are given separately in the following two tables:

DETAILS OF THE CURRENT YEAR CA, PCA PLANTATIONS				
S.No.	Type of Plantation	Category (Ha)	Physical Target	Financial Outlay (Lakhs)
1	Current year CA	Block	526.64	
		ANR	2689.00	
		Bald Hill	314.73	
		Total	3530.37	1155.51
2	1.5 times Safety Zone, 10 times Tree Plantation, SMC, etc.	Block	20.79	
		ANR	1661.56	
		Bald Hill	155.75	
		Total	1838.10	2324.34
3	Leftover CA	ANR	4.48	
		ANR without gap	93.17	
		Total	97.65	12.27
4.	Canal Bank Plantation		31.1 RKM	15.80
	Total	5466.12 ha Plantation	31.1 RKM	3507.92

DETAILS OF THE 2 nd YEAR, 3 rd YEAR, 4 th year 5 th year, 6 th year maintenance and P.O. of CA, PCA PLANTATIONS				
S.No.	Type of Plantation	Category (Ha)	Physical Target in Ha.	Financial Outlay (Lakhs)
1	2 nd year maintenance	Block	222.82	
		ANR	1984.04	
		Bald Hill	48.25	
		Tree Plantation	2300 (no.)	
		Avenue	7000 (no.)	
		Total	2255.11 ha, 9300 no	228.92

2	3 rd year maintenance	Block	79.70	
		ANR	4609.27	
		Bald Hill	152	
		Tree Plantation	100 (no.)	
		Avenue	44681 No.	
		Total	4840.97 ha, 44781 no	268.08
3	4 th year maintenance	Block	452.83	
		ANR	3331.68	
		Bald Hill	168	
		Avenue	27300 (no.)	
		Total	3952.51 ha, 27300 no	132.30
4	5 th year maintenance	Block	561.40	
		ANR	3595.59	
		Avenue	30.44(Rkm) or 35382 no.	
		Total	4156.99, 35382 no	116.57
5	6 th year maintenance	Block	418.49	
		ANR	4754.01	
		Total	5172.5	64.18
6	P.O.	Block	500	
		ANR	4000	
		Bald Hill	200	
		Total	4700	566.24
		Grand Total	29919.05 ha	1376.29
			72082 no. 30.44 Rkm	

2.3 Second year maintenance during 2019-20

2nd year maintenance of Block Plantations (AR) over 222.82 ha, Rehabilitation of Degraded Forests (ANR) over 1984.04 ha, Bald hill plantation over 48.25 ha, avenue plantation over 7000 plants and 2300 tree plantation under other stipulations will be taken up as per the approved site specific plan. The total outlay for 2nd year maintenance is Rs 228.92 Lakh.

2.4 Third year maintenance during 2019-20

Third year maintenance of block Plantations (AR) over 79.697 ha, Rehabilitation of Degraded Forests (ANR) over 4609.27 ha, Bald hill plantation over 152 ha, maintenance of avenue plantation over 44681 plants and 100 tree plantation under other stipulations will be taken up as per the site specific plan approved. The total outlay is Rs 268.08 Lakh.

2.5 Fourth year maintenance during 2019-20

4th year maintenance of Block Plantations (AR) over 452.83 ha, Rehabilitation of Degraded Forests (ANR) over 3331.68 ha, Bald hill plantation over 168 ha, Avenue plantations 27300 nos. will be taken up as per the site specific plan approved. Besides plantation activities, other ancillary activities for better protection of plantations and conservation of soil and moisture will also be taken up. The total outlay is Rs 132.30 Lakh.

2.6 Fifth year maintenance during 2019-20

5th year maintenance of Block Plantations (AR) over 561.40 ha, Rehabilitation of Degraded Forests (ANR) over 3595.59 ha, Avenue plantations 35382 nos. or 30.44 Rkm will be taken up as per the site specific approved plan. The total outlay is Rs 116.57 Lakh.

2.7 Sixth year maintenance during 2019-20

6th year maintenance of Block Plantations (AR) over 418.49 ha and Rehabilitation of Degraded Forests (ANR) over 4754.014 ha will be taken up as per the site specific plan approved. The total outlay is Rs 64.18 lakh.

2.8 Preliminary operation to be taken up during 2019-20

Preliminary operation for Block Plantations (AR) over 500.00 ha, Rehabilitation of Degraded Forests (ANR) over 4000.00 ha, Bald hill plantation over 200.00 ha to be raised during 2020-21 will be taken up in the next year 19-20. The total outlay for this is Rs 566.24 Lakh.

2.9 The abstract of the details of the plantation activities under Compensatory Afforestation have been given in the following table. The division wise & year wise details of break-up of physical & financial targets for different activities has been given in *Table 2.1*. The site wise details are furnished in *Annexure II-I*.

ABSTRACT OF PLANTATION ACTIVITIES UNDER CA, PCA		
Activity	Physical Target	Financial Target (Rs. in lakhs)
Current year plantation	5466.12 ha 31.1 RKM	3507.92
2 nd year maintenance	2255.11 ha 9,300 (No)	228.92
3 rd year maintenance	4840.97 ha 44781 (No)	268.08
4 th year maintenance	3952.51 ha 27300 (No)	132.30
5 th year maintenance	4156.99 ha 35382 (No)	116.57
6 th year maintenance	5172.5 ha	64.18
Preliminary Operation	4700 ha	566.24
Total		4884.21

Thus the total financial outlay for CA, PCA component stands at Rs.48.84 Crore.
ANNUAL PLAN OF OPERATION -2019-20

III. INTEGRATED WILDLIFE MANAGEMENT PLAN

The component integrated wildlife management plan is mainly consists of

- i) Regional Wildlife Management Plan
- ii) Site specific Wildlife Conservation Plan

3.1. Regional Wildlife Management Plan:

While according permission for implementation of the Comprehensive Wildlife Management Plan prepared for entire Keonjhar and Bonai Forest Divisions, State Government in F&E Department vide their letter No.22295/F&E dt 30.12.2005 had approved implementation of Wildlife Management Plan at the cost of mining lease holders who have been allowed diversion of forests in their lease hold areas with stipulations thereof by Government of India, MoEF&CC. The CCF (Nodal) was entrusted with the job of realization from the user agencies and to intimate the position of realization to CWLW, Odisha/ F&E Department/ DFOs concerned. As per the above Government letter, the cost norm was fixed at -

- a) Rs.15,000/- per hectare on ML area basis for each mining lessee for implementation of the plan over 10 years, who have operated mines upto 2005-06 or any period prior to 2005-06
- b) Rs.11,000/- per hectare on ML area basis for balance period after user agencies have been allowed to operate mines for the first time with Stage-II approval in 2006-07 and onwards.



Since then, the cost norm for implementation of Regional Wildlife Management Plan has been revised time to time as detailed below, basing on the revision of minimum wage rate by State Government.

Min. Wage Rate (Rs)	Cost norm per ha	Effective from	Govt. letter No. & date
55	15000	Upto 22.03.2008	22295/F&E dt 30.12.2005
70	20000	23.03.2008- 12.07.2009	6495/F&E dt 23.03.2008
90	26000	13.07.2009- 05.10.2012	27209/F&E dt 31.12.2013
150	43000	06.10.2012- 04.12.2016	20693/F&E dt 05.10.2013
200	58000	05.12.2016- 29.10.2018	22675/F&E dt 05.12.2016
280	82000	30.10.2018 till date	26159/F&E dt 05.12.2018

Till September, 2018 for implementation of Regional Wildlife Management Plan an amount of **Rs.278,57,76,355/-** has been realized. Government of Odisha in Forest & Environment Department have approved the proposal for preparation of Odisha State Comprehensive Wildlife Management guidance for the whole state vide letter No.8F-(S)-50/2014-15814/ F&E dated 27.08.2014 and the MOU has been signed between the forest department Government of Odisha and WTI on dated 11.12.2015 at cost outlay of Rs.3.65 Crores to be released in 4 instalments. Out of the total cost outlay Rs.2.92 Crores has already been released to the WTI as 1st and 2nd installments. In the APO provision has been made for Rs.73.00 lakhs towards payment of 3rd and 4th instalments.

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3.2. Implementation of Site Specific Wildlife Conservation Plan

3.2.1 When a Project proponent intends to establish any industry/developmental/mining project, he is required to apply for environmental clearance under Environmental Protection Act, 1986 and if diversion of forest land is involved in the project, he is required to get approval of Government of India for diversion of forest land under Forest Conservation Act' 1980. While these proposals are considered by Government of Odisha /Government of India, certain conditions are imposed for conservation of flora and fauna in the project as well as the study area likely to be affected by establishment of such project. It requires preparation of site specific Conservation Plan for each site where these projects are being established.

3.2.2 The Site Specific Wildlife Conservation Plans are implemented subject to fulfilment of certain conditions -

1. The plan has been approved by the PCCF (WL) & CWLW, Odisha.
2. The fund for implementation of the plan in the project impact area has been deposited by the project proponent in the specific CAMPA A/c.
3. The project has got final forest clearance/ environmental clearance, as the case may be.

3.2.3 Till November 2018, Site Specific Wildlife Conservation Plans of 216 projects have been approved by the PCCF (WL) & CWLW, Odisha at a total project impact area cost of Rs.78,596.816 lakh. Out of above, Rs.45,987.00 lakh have been realized from 159 project proponents towards project impact area cost.

3.2.4 Since, APO 2011-12, the site specific wildlife conservation plans are being implemented and upto APO: 2016-17, an amount of Rs.3065.00 lakh have been utilized. A provision of Rs.30.00 Crores have been made in the APO 2017-18.

3.2.5 It is proposed to implement 21 new Site-Specific Plans in addition to 60 running Site Specific Plans of previous years covering 22 Divisions in this plan. Thus, necessary provisions of 81 projects at a cost of Rs.3571.72 lakh have been made under APO 2019-20. Division wise details of no of projects and the amount to be spent are given in the following table: District/ Division/ Location-wise estimated cost under the above activities furnished in *Annexure III- I*.

Division wise abstract of Site Specific Wildlife Conservation Plan

SL. No.	Name of the Divison	No. of Projects	Amount (Rs.in lakh)	Remarks	
				Old	New
1	Angul	5	249.465	5	0
2	Dhenkanal	2	182.68658	1	1
3	Satkosia (WL)	1	19.50	1	0
4	Athgarh	1	22.89303	0	1
5	Cuttack	10	668.99964	10	0
6	Athmallik	1	97.8276	0	1
7	Rairangpur	1	3.757	1	0
8	Keonjhar (WL)	2	144.71465	2	0
9	Khariar	1	9.12	1	0
10	Chandaka (WL)	1	26.19	1	0
11	Mangrove (WL)	1	72.00	1	0
12	Pur (WL)	1	10.50	1	0
13	Rayagada	3	75.2128	1	2

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14	Keonjhar (T)	15	490.7881	12	3
15	Bonai	14	319.36046	11	3
16	Rourkela	6	176.8652	3	3
17	Sundargarh	3	88.21685	3	0
18	Deogarh	3	291.57769	0	3
19	Jharsuguda	4	107.60	4	0
20	Sambalpur	4	330.00	1	3
21	Bamra (WL)	1	28.6164	1	0
22	Rairakhol	1	155.829	0	1
Total:-		81	3571.72	60	21

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PART- III

CAMPA APO 2019-20

ACTIVITIES UNDER NPV AND INTEREST COMPONENT

PART-III

IV. Plantation Activities

4.1 Artificial regeneration

4.1.1 The Forest Blocks allotted to Plantation working Circle are those whose forest crops are in various stages of degradation. Degradation of these forests is primarily due to biotic interference, repeated fires, grazing and encroachments. This Forest Blocks contain enough potential in terms of sufficient root stock and natural regeneration which if tended and protected could be converted to high forests.

4.1.2 As per the India State of Forest Report published by FSI 2016, 23,008 Sq km of forests have been classified under open forest and constitutes 44.81% of the total forest area of the state. Such area demands immediate silvicultural attention to prevent further degradation and transition to scrub forest. An attempt is being made in successive APOs to arrest the degradation in a systematic manner.

4.1.3 AR plantation over 2,000 ha @ 1600 plants per ha at the rate of Rs. 49607.25/-per hectare will be taken up during 2019-20 with a financial outlay of Rs 992.15 lakh for which preliminary operation are being taken up during financial year 2018-19. The division wise target and financial outlay has been indicated in *Table-4.1* The site wise details of AR plantation is given in the *Annexure IV-1*

4.2 Aided Natural Regeneration

4.2.1 Silvicultural operations like regeneration cleaning shall be taken up in Rehabilitation Working Circle in order to boost the growth of congested crop. Singling of coppice shoots shall be taken up by selecting a promising shoot. High stumps would be cut back to the ground to avail the coppice growth. The gaps would be restocked by plantation of indigenous species @ 200 plants per ha.

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4.2.2 ANR plantation over 20,000 ha @ 200 plants per ha will be taken up during 2019-20 with a financial outlay of Rs 4136.20 Lakh for which preliminary operation are being taken up during financial year 2018-19. The division wise target and financial outlay has been indicated in **Table-4.2**. The site wise details of ANR plantation are given in the **Annexure IV-II**. Odisha is effected by a severe cyclonic storm "Fani" in the month of May. In this cyclone, Puri Coast is badly affected and the entire vegetation of Balukhand-Konark area is severely devastated with nearly 5000 ha critically affected. It is proposed to carry out 400 ha of ANR @600 plants/ ha with majority of Casuarina and to some extent other species like Karanja, Polanga, Neem, Banyan, Jamun, etc. The cost of this plantation for first year is @ 24,189 per ha and the total cost of this Fani affected plantation is proposed at Rs. 96,75,600.

4.3 Bamboo Plantation

In the APO 2019-20, It is proposed that Bamboo plantation in the Bamboo Working Circle over 2000 ha will be taken up @ 400 plants per hectare with a cost norm of Rs.33498/ha with a financial outlay of Rs. 669.96 lakh. The division wise target and cost outlay for current year plantation has been indicated in **Table-4.3**. The site wise details of Bamboo Plantations are given in the **Annexure IV-III**

4.4 Aided Natural Regeneration (2nd year maintenance)

2nd year maintenance of Aided Natural Regeneration over 84930 ha will be taken up in the Rehabilitation Working Circle. These plantations will be maintained in the present APO at the rate of Rs. 7473.48 per hectare for which a financial outlay of Rs. 6347.23 lakh has been provided. The division wise target for 2nd year ANR maintenance is given at **Table-4.4**. The site wise details are furnished in the **Annexure IV-IV**

4.5 Aided Natural Regeneration (4th year maintenance)

4th year maintenance of Aided Natural Regeneration over 93121 ha will be taken up in the Rehabilitation Working Circle. These plantations will be maintained in the present APO at the rate of Rs. 882/- per hectare

for which a financial outlay of Rs. 821.33 Lakh has been provided. The Division wise target and cost outlay for 4th year ANR maintenance is given at **Table-4.5**. The site wise details are furnished in **Annexure IV-V**

4.6 Maintenance of Bamboo Plantation (4th year maintenance)

In the APO 2019-20, 4th year of Maintenance of Bamboo plantation in the Bamboo Working Circle at the rate of 50 plants per hectare over 10088 ha will be taken up at the cost of Rs. 749/-per hectare with a total financial outlay of Rs. 75.56 lakh. The division wise target and cost outlay for 4th year maintenance has been indicated in **Table-4.6**

4.7 Bald Hill Plantation (2nd year maintenance)

2nd year maintenance of Bald Hill Plantations over an area of 1000 ha. Will be carried out at the rate of Rs. 40354/- per hectare with total financial outlay of Rs. 403.54 lakh. The division wise target has been indicated in **Table-4.7**.

4.8 Bald Hill Plantation (4th year maintenance)

4th year maintenance of Bald Hill Plantations over an area of 1000 ha. Will be carried out @ of Rs. 19929/- per hectare with total financial outlay of Rs.199.29 lakh. The division wise target has been indicated in **Table-4.8**.

4.9 Avenue plantation (Jal Shakti Abhiyan) in Cuttack Division

It is proposed to take up 76 RKM of Avenue plantation under this APO as a measure to recharge ground water to combat the drought situation in Kendrapara district. This plantation is being taken up as per the directions of Ministry of Environment & Forests under Jal Sakti Abhiyan. The Avenue plantation will be taken up @ Rs.1,23,123/- (0th year + 1st year)/RKM with total financial outlay of Rs.93.57 lakhs. The site wise details are given in Table 4.9.

4.10 Cost Outlay

The cost outlay of Plantations is Rs.15835.59 Lakhs as detailed below:

DETAILS OF THE PLANTATIONS ACTIVITIES PROPOSED IN APO 19-20			
Sl. No.	Activities	Target in ha.	Financial Outlay (in Rs. Lakh)
1	Block Plantation RW Coupes @ Rs.49607.25/ha	2000	992.15
2	ANR (200 Plant)RW Coupes creation @ Rs.20680.80/ha	20000	4136.20
3	Bamboo Plantation (400 plant) @ Rs33498/ha creation	2000	669.96
4	ANR RW Coupes 2 nd year maintenance @ Rs.7473.48/ha	84930	6347.23
5	ANR RW Coupes 4 th year maintenance @ Rs.882/ha	93121	821.33
6	Bamboo Plantation (50plant) @ Rs749/ha 4 th year maintenance	10088	75.56
7	Bald hill Plantation 2 nd year maintenance @ Rs.40354/ha	1000	403.54
8	Bald Hill Plantation 4 th year maintenance @ Rs.19929/ha	1000	199.29
9	Pre-planting operations for 20-21 plantation		2000.00
10	Avenue plantation in Cuttack division	76 RKM	93.57
11.	ANR Plantation in Fani affected areas of Puri Division @ 24189/ha	400 ha	96.76
	Total		15835.59

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V. Subsidiary Silvicultural Operation of Bamboo Forests

5.1 Bamboo forests of the state are being worked out as per the Working Plans of the concerned forest division. In the Working Plan, bamboo bearing areas have been assigned to bamboo overlapping working circle. The predominant bamboo species found in the forests of Odisha is *Dendrocalamus strictus* and a cutting cycle of four years has been prescribed. The management interventions are required over the scattered bamboo areas and in area where bamboo clumps have been damaged. Further, a sizeable extent has shown regeneration of bamboo needing special protection and interventions to ensure establishment of such vast regenerated tracts which will add substantially to the bamboo resource of the state.

5.2 The bamboo has been regarded as an important forest resource capable of meeting small timber requirement of the rural and urban sector. It provides livelihood options to most of the rural and urban artisans who have been engaged in the manufacturing of a wide range of bamboo products over generations. Bamboo crafts have also assumed a facelift owing to technology infusion, product innovation, and market based innovative design and skill up gradation. The national perspective on the bamboo sector development has been evident from institution of National Bamboo Mission which is working for the holistic development of the sector. The Odisha Bamboo Development Agency is also engaged in the implementation of the schemes and programs aimed at achieving the objective and goal of the mission. Certain schemes and programs are being implemented with funding from Bamboo Mission and State Plan. However, the fund available from sources, as mentioned are primarily aimed at the bamboo areas outside the forest blocks and, is not sufficient to develop the sector in a holistic manner keeping in view the extent of mainly outside forest area to be covered. Therefore, priority has been given on the development of the sector with adequate fund flow right

from the inception of State CAMPA from the first ever Annual Plan of Operation formulated in the year 2009-10.

5.3 Bamboo coupes due for working during the year are to be covered under this programme. Those coupes which are being worked out and where simultaneous silvicultural operation is being carried out with funding from other sources may not be selected under this scheme. This will ensure clarity and proper monitoring. Many coupes are not being worked out due to non-availability of harvestable bamboo. All such coupes are to be covered on a priority basis.

Workable
coupes
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5.4 All the live clumps shall be treated with individual clump treatment which shall include cutting back of high stumps, cutting and removal of side branches and removal of cleaning material from the treatment area so as to reduce fire hazard. Earth mounding to the base of the clump would be done preferably with soil scooped out from uphill side. Stacking of boulders, wherever they are available, on the downhill side close to the clump will help stabilize the soil and protect it from erosion.

5.5 It is proposed to take up 1,62,600 ha of bamboo silvicultural operations in C & D types of coupe under APO 2019-20 as per the Working Plan prescription. The cost norm for treatment of Bamboo clumps under subsidiary Silvicultural operations have been prepared taking into account average number of Bamboo clumps per hectare and average sizes of Bamboo clumps with number of culms per clump. The cost norms are calculated division wise in this year. The total financial outlay for Bamboo SSO is Rs.16.26 Crore. The division wise physical and financial target are detailed in **Table-5.1** and the site wise details are placed at **Annexure V-1**.

As it permitted
covered as per working
plan in 19-20

VI. FOREST PROTECTION

6.1 Introduction

6.1.1 Forest resources are susceptible to interference on account of biotic and abiotic factors causing damage and reduction in productivity. Illicit removal and theft continue to pose the biggest challenge in the protection of forest wealth. Legal provisions made for forest and wildlife offences have not been able to address the problem completely due to inadequacy in infrastructure, trained man power, high rate of biotic interference and ancillary support.

6.1.2 Forest fire is another destructive factor which causes severe stress to the forest ecosystem. Large stretches of forest in the State are of deciduous type which is an important factor for wide spread occurrence of forest fire. Appropriate interventions are therefore required to minimize occurrence of forest fire in the first place and to effectively deal with forest fire wherever they occur.

6.2 Protection of forest resources involving Forest protection squads

6.2.1 Enforcement of Acts and Rules to deal with illegal removal of timber and forest produce from the forests depends to a great extent on availability of manpower, infrastructure and funds. Large number of vacancies at the grass root hierarchy in the department, inadequate infrastructure and fund flow contribute in reduction of the capacity of the frontline staff to deal with the problem. In order to improve protection of natural forests, an effort was initiated to identify vulnerable pockets where illegal removal of timber and other forest produce was perceptible. In such areas, augmentation of manpower was considered as essential inputs and accordingly suitable provisions are made in the Annual Plan of Operations.

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The vulnerability of the area is assessed based on following parameters:-

- i. Density of the crop.
- ii. Presence of valuable species in the crops.
- iii. Economically valuable plantation crops.
- iv. Operation of organized antisocial elements and proximity of the area to the consumption points.

6.2.2 Forest Protection Squad

Forest Protection Squads are deployed in 32 vulnerable sites to enhance the capability of the field formations to combat the menace. The squads have been constituted with 10 persons mainly drawn from the local rural unemployed youth. Each squad is provided with a well fortified camp at a strategic location which includes a barrack for accommodation of personnel, vehicle for mobility, communication equipments, provision of drinking water etc. The financial outlay in this APO for engagement of Forest protection Squad at 32 vulnerable sites is Rs. 574.24 Lakhs. The list of vulnerable sites is enclosed in **Table 6.1.**

6.3 Support activities for forest protection

6.3.1 Forest Protection Coordination Cell

Forest protection being an integral part of the forest management, needs proper and timely exchange of information and monitoring at different levels. Receiving information like timber smuggling, forest fire, wildlife menace, man-animal conflict from different quarters and disseminating them with appropriate CIT based backup from State FITGC geomatic Hq Cell of PCCF, Odisha to different field level functionaries is the key point of forest protection. This forest protection cell will function with different equipments and manpower to address the above issues at different hierarchical offices. This protection cell will mainly handle the coordination work, transferring information to and fro from different offices like PCCF, RCCF, DFO, FSI,

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NTCA, etc. The financial outlay to meet such expenses is Rs. 301.45 Lakhs. Through the concerted efforts of Forest Department, the amount of illicit felling has come down and the number of fire points have also come down in the current year from 31000 to 19000.

6.4 Forest protection - addressing key issues

It is very essential to address some of the key issues that come forward while addressing the forest protection as a whole. Collection of intelligence and to take a prompt action on the information will make the forest protection a success. It may be a case like forest offence, wildlife offence, wildlife depredation etc. which needs immediate attention. Also there is a requirement to reward the personnel who have contributed towards forest and wildlife protection. The financial outlay to meet such expenses is kept at Rs.1.45Cr.

6.5 Protection of forests through Para Forest Protection Staff Squads in Ranges

Apart from the Forest Protection Squads being deployed in vulnerable pockets, Para forest protection squads are being deployed in interior theft prone and vulnerable beats to assist the local frontline staff in forest protection. Required facilities are being provided to them to increase their efficiency and performance during their deployment. These forest protection squads are of great help in collection of intelligence, assistance to the frontline forest staff during inspection, forestry operations and protection duties etc. It is provided that 28 forest divisions each will engage 6 nos of forest protection squads and balance 9 no. of forest divisions each will engage 3 nos of forest protection squads. As per the decision of Steering Committee of State CAMPA, 195 forest protection squads will be engaged through Service Provider in different Divisions to aid and assist the existing Forest Department staff. There are the local rural unemployed youth who are involved in the forest protection job. The foot patrolling done by these squads is to be monitored by Forest Protection Foot Patrolling app of State FITGC cell and on an average about 1.5 lakh KM foot patrolling is

duly captured in GPS-PDA & android based mobiles loaded with Foot Patrolling app of FITGC cell. The financial outlay to meet such expenses is Rs. 2691.00 Lakhs and no. of forest protection squad posted in different divisions is enclosed in *Table-6.2*.

6.7 Management and Control of Forest Fire

6.7.1 The deciduous forests of Odisha suffer on account of repeated fire during summer months resulting in loss of regeneration, moisture stress, biomass depletion and hardship to wildlife. It needs to be controlled and managed to safeguard the productivity and eco-system health. Steps have been taken to augment the availability of manpower in organized groups to tackle forest fire in remote and inaccessible areas.

6.7.2 Deployment of Fire Fighting Squad

Information is being received from Forest Survey of India about occurrence of forest fire in the State. This information is collected from the data received through MODIS/SNPP Satellite and communicated to the field to the exact forest Beat/Section/Range and Division through web based app and to the individual mobile of concerned field staff through a computer generated message from the State Headquarters based 24x7 Forest Fire Cell. Such data has been used to locate fire prone divisions of the State. However, to combat the menace of forest fire in the field, it is necessary to deploy adequate fire fighting squad who will assist the forest staff in the activities of fire control. Due to wide spread occurrence of forest fire in the State, it has been considered necessary to cover all Forest Divisions of the state for deployment of fire fighting squad. Each squad comprises 10 persons who are mainly the rural unemployed youth and are provided with firefighting equipment. A vehicle on hiring basis is provided for mobility. The squad is deployed for 150 days during the entire fire season starting from February upto July. There are 216 squads are

deployed in 37 divisions in this APO at the rate of Rs. 6.00 lakh per squad. The financial outlay for firefighting squads is Rs. 1296.00 lakhs. The detailed no. of squads posted in different divisions are mentioned in **Table-6.3.**

6.7.3 Logistics to Fire fighting Squads

Fire fighting equipments like 410 fire blowers have been already procured in the APO 2017-18 and are being used by 216 fire protection squad. The equipments including fire safety dress, gloves, helmet, jacket, fire fighting hook, fire beater etc has been provided in the previous APOs. Funds have been allotted in the logistic head for POL and maintenance to run the blowers and for procurement of other fire fighting equipments wherever required at the rate of Rs. 0.85 lakhs per squad for 216 fire fighting squad. The financial outlay for Logistics to the 216 fire fighting squads is Rs.183.60 lakhs.

6.7.4 Creation and management of fire line

Fire line creation and maintenance is an important preventive method to control forest fire is to make a fire line inside the forest area as much as possible. It is created coterminous with all the compartment lines and the boundary line of the Forests and maintained at regular interval during the fire season. New fire lines needs to be created taking into consideration of FSI report / Satellite imageries. There is provision of creation/ maintenance of 8000 kms of fire line across the forests in the state in all the 37 Divisions. Fund has been provided at the rate of Rs. 2800 per Km for the maintenance. The financial outlay for fire line creation/maintenance is Rs. 224 lakhs. Division wise targets of fireline to be maintained are mentioned in the **Table-6.3.**

6.8 Cost Outlay

The Total outlay under forest protection is Rs.5415.29 Lakh as detailed below.

Table 6.0 DETAILS OF FOREST PROTECTION ACTIVITIES		
Sl. No.	Activity	Financial Outlay Rs in lakhs
1	Protection for mitigating loss of forest resources	
	(a) Continuation of forest protection squads in 32 vulnerable sites in 24 Divisions	574.24
	(b) Supporting Activities for Forest Protection	
	i) Forest Protection coordination Cell	301.45
	ii) Addressing key issues of protection	145.00
	iii) Management & protection of forests by engaging 195 forest protection squads in ranges	2691.00
	Sub Total	3711.69
2	Management and Control of Forest Fire	
	(a) Management and control of fire through 216 additional squads in 37 Forest Divisions	1296.00
	(b) Creation and management of fire line in 37 Forest Divisions over 8000 RKM	224.00
	c) Logistic for 216 squad @ Rs.0.85lakh/Sqd	183.60
	Sub Total	1703.60
	TOTAL FOREST PROTECTION	5415.29

VII. WILDLIFE PROTECTION AND MANAGEMENT

7.1 Wildlife organization is responsible for protection and conservation of biodiversity within and outside the protected areas in the State with special emphasis on protection of species as mentioned in various schedules of Wildlife (Protection) Act, 1972. There are 19 (Nineteen) Sanctuaries, 1 (one) National Park, 1(one) proposed National Park and 2 (two) Tiger Reserves in the State. About 5.36% of geographical area of State is under the Protected Area network.

7.2 Wildlife Management:

The fund under this category is being spent for management of wildlife and their habitats all over the State within and outside the Protected areas including protection and management of rescued animals. As per rule-5(2) of the Compensatory Afforestation Rules, 2018 the major components coming under this category are furnished below.

7.2.1 Protection Activities

Wildlife protection is an important activity in Wildlife management. This includes protection of their habitat also. The major threat to wildlife and their habitat are from poachers and timber smugglers. These activities are being controlled by organized gangs operating at national and international level. To check it, large man power well equipped with arms and ammunitions are required. Enforcement of Act and Rules are also part of the Protection activities. To overcome the constraints due to large number of vacancies in the field at grass root level and inadequate infrastructure, necessary provisions have been proposed in the APO as per details furnished below:

7.2.1.1 Deployment of Wild Life Protection Squads

i) In order to improve protection capability of forest field functionaries, provisions have been made for engagement of protection squads in vulnerable areas for patrolling within and outside protected and other forest

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areas, keeping watch over illegal activities and to pass on the information to field staff, and to assist the field staff in seizure and arrests of offenders etc.

ii) Aquatic fauna like crocodile, birds etc. and marine fauna like Olive Ridley Sea Turtles, sharks, dolphins etc. also require a protection against illegal fishing. For this purpose, deployment of river & sea patrolling squads will also continue in this APO. These squads will be deployed in coastal forest and wildlife divisions.

iii) Each squad will consist of 10 persons by employing local unemployed youth. Each squad is provided with logistic support such as mobility, communication equipments etc.

7.2.1.2 Supporting Activities for Wildlife Protection

There is provision of POL for the boats used in patrolling/anti-depredation /anti-smuggling activities in Wild Life Divisions. To apprehend illegal poachers and other linked culprits, search and seizure operation are carried out by the DFOs. Rescue operation of wild animals fallen in the wells, ponds, deep pits are carried out by the DFOs. Further post mortem of dead wild animals, their burials and forensic examination of tissue samples are also required to be taken up in the field. Provisions have been made in this APO for above purposes. For effective communication both within and outside department, provisions have been made for establishment of control room in Wild Life Divisions, Director, Nandankanan and at Wild Life Head Quarters. These control rooms will be provided with three attendants, computer and one data manager to facilitate proper processing of information. Provision of Rs.14.76 lakhs has been kept for wildlife crime cell, elephant cell etc. at Wildlife headquarter and Crime Branch of the State for control, maintaining of interdepartmental co-ordination through organization of various meetings, maintenance upkeep and modernization of crime database.

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7.2.1.3 Maintenance of Boundary of Protected Areas

It is considered necessary to maintain boundary pillars and boundary lines of Protected Areas. Provision has been made for clearing the boundary line to the prescribed width and constructing the missing masonry pillars. Signage will be fixed at strategic locations for awareness of people. Location-wise estimated cost under the wildlife protection activities is furnished in **Annexure VII-I**.

Wildlife protection staff

7.2.2 Forest fire prevention and Control operations

Repeated incidences of fire during summer month are observed in the PAs of the State which cause regeneration loss, moisture stress, biomass depletion and ultimately hardships to wild life. To prevent and control fire incidence in protected areas, following activities have been proposed;

- i) Fire fighting squads will be deployed for five months during summer season. Each squad will comprise of 10 daily wage labourers who are mainly local unemployed youth. The squad will be provided with all logistic support such as mobility, fire-fighting equipment including blowers for extinguishing fire etc. Basic training to fight fire will be imparted to the squad members.
- ii) Fire line will be created and maintained. The protected area boundaries, compartment lines, prominent extraction path will be covered either by creation or maintenance of the fire line. Thus, provision for management and creation of fire line over 7250 Kms. has been made in the present APO 2019-20. District/ Division/ Location-wise estimated cost under the above activities furnished in **Annexure VII-II**.

7.2.3 Anti-depredation Activities

7.2.3.1 Large scale disturbances in the Wildlife habitat and pressure on their food and fodder resources have led to movement of wildlife specifically elephants, wild boars and bears into human habitations resulting in human-animal conflict. Interstate migration of elephants is causing large scale damage of lives and properties in most of the bordering districts of State. In

order to prevent and control human - animal conflict, following provisions have been made in this APO: No

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7.2.3.2 Deployment of Anti-Depredation squads

- i) In order to strengthen anti-depredation capability of forest field functionaries' provisions have been made for deployment of anti-depredation squads in vulnerable areas.
- ii) Each squad will consist of 10 persons by employing local unemployed youth. Each squad is provided with vehicle for mobility, communication equipment etc.
- iii) Wages of squad personnel, hiring charges of the vehicle, POL for the vehicle, recharging of the mobile sets, medical expenses, and compassionate payment in the event of exigencies to the victims of wildlife depredation and contingencies expenses are provided in the present plan.
- iv) Provision has been made for engagement of trackers in elephant movement areas to pass on information about the movement of elephants and make aware the public and staff of such movement.
- v) Anti-depredation equipments are essential for strengthening the squad so there is a provision in this APO.
- vi) Provision of Rs.1.10crore has been made in this APO for payment of compassionate grant to the victims of wild animal depredation.
- vii) To check the entry of wild animals into human habitations and to avoid subsequent depredations, provision of fencing with trenches, stone walls, solar power and wire mesh have been made in the APO.

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7.2.4 Implementation of Elephant-Train collision mitigation plan

7.2.4.1 In the year 2013-14 Wild life Trust of India was entrusted with the job of preparation of a mitigation plan to prevent death of elephants due to train hit in the State. The Wild Life Trust of India has submitted the said plan and suggested to undertake following activities.

- Organize consultative meetings between forest and railway staff.
- Design and deployment of signboards
- Purchase of patrolling equipments.
- Clearing of vegetation in identified railway tracks.
- Purchase and installation of customized Animal Detection System.

7.2.4.2 Funds in this head would be used to put in place strategic plan & programmes to prevent death of elephants due to train hits. In the present Wildlife APO provision of Rs.18.00 lakhs have been made for above purpose. District/ Division/ Location-wise estimated cost under the above activities furnished in *Annexure VII-III*. (page 321-325)

7.2.5 Voluntary Relocation of Villages from Protected Areas and Tiger Reserve

Funding for voluntary relocation of villages from inside sanctuary and national parks have been given prominence in this APO. It is so because it is the only way by which human interference in wildlife habitats & retaliatory depredation due to wildlife faced by the people can be minimized. This effort gathered strength when the relocation package earlier being provided to villages in core area of tiger reserves was extended to all the sanctuaries and other forested areas including buffer areas of tiger reserves in the notification brought out by the state Govt. in June, 2016. This voluntary relocation seeks to provide an inviolate biome to the wildlife and simultaneously makes an effort to include the villagers of these interior villages to get absorbed in the main stream & have an access to all the basic infrastructural facilities & benefit out of the Govt. sponsored public welfare programmes. Funds in this head will be spent on different item of works as

specified in the guidelines issued by NTCA & as per the guide line issued vide No 12000 dt.29.06.2016 of the state Govt. By utilizing CAMPA funds in previous APOs, 155 families from three villages namely Jamunagarh, Kabatghai and Ramjodi of Similipal Tiger Reserve, 78 families from one village namely Raigoda of Satkosia Tiger Reserve and 66 families from one village namely Jhagadabehera of Debrigarh WLS has been successfully relocated. In the present APO provision of Rs.1571.00 lakh has been made for Relocation of one village from Hadgarh WLS and one village from Similipal Tiger Reserve. District/ Division/ Location-wise estimated cost under the above activities furnished in *Annexure VII-IV*. (325)

7.2.6 Habitat Improvement

Habitat improvement is an important activity in Wild Life Management. Various developmental processes, biotic interferences and incidences of fire in forest areas are the main cause of degradation of wild life habitat. Following activities are proposed for improvement of Wildlife habitats;

- **Creation and Maintenance of Water Bodies.**

To check the water scarcity in wild life habitat, creation and maintenance of water bodies have been proposed. It has been proposed to create 81 Nos. water bodies of size 40mtr x 30mtr x 3mtr and to maintain 188 Nos. of water bodies created in previous APOs.

- **Plantation of fruit bearing and fodder species around the water bodies**

To augment the food and fodder requirement of wildlife, it has been proposed to plant at least 50 Nos. of fruit bearing and fodder plant around each water bodies. The plants will be protected by gabions and watering will be done during summer months also. In this plan it has been proposed to cover 235 Nos. of water bodies. Further provision has been made for 2nd year & 3rd year maintenance of the plantations taken up in the APO 2017-18 & 2016-17 respectively.

- **Plantation of fruit bearing forestry species:**

Third year maintenance of 978 Nos. of fruit bearing forestry species planted during APO period 2016-17 will be taken up in this APO in the wildlife habitat and accordingly provision has been made for the purpose.

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- **Fodder block plantation and its maintenance:**

Funds under this item will be utilized for creation of fodder plantations and second & third year maintenance for supplementing the natural meadows, in wildlife habitats away from human habitations.

- **Rejuvenation of Wildlife Corridor:**

Elephants being long ranging animals use traditional migratory routes for commuting between different forests. These routes known as corridors are essential to be safeguarded and rejuvenated through habitat improvement for ensuring minimal human-elephant conflict & to conserve the gene pool of the pachyderms. Activities under this item will be carried out as per the approved plans meant for management of elephants and corridors. Further provision has been made for third year maintenance of plantation taken up in the APO 2016-17.

- **Creation and Maintenance of Salt licks:**

To check wild animal becoming prey to poachers by visiting natural salt licks as well as meeting the salt requirement of herbivores, it is proposed to create new salt licks and maintain salt licks created in previous APOs.

- **Immunization of Cattle:**

The cattle of forest fringe villages and villages located inside the PAs do graze in forest areas. The infected cattle may cause spreading of contagious diseases to wild life. To prevent such incidences, it is proposed to immunize the cattle with the help of local veterinary officers.

- **Invasive weed eradication:**

Unwanted weeds will be uprooted and destroyed in order to boost the growth of palatable grass/shrubs/trees.

- **Meadow Development:**

Meadows will also be developed and maintained to supplement the food deficiency of the herbivores.

- **Black buck Conservation:**

Black buck is a schedule- I Species as per the Wildlife Protection Act, 1972. This species is found in few specific areas of the state which

requires protection and conservation measures. The activities also include translocation of black bucks from their areas of abundance to areas having depleted numbers i.e. to Konark-Balukhand WLS area. The activities in this item would also cater to habitat improvement, census operations & strengthening their monitoring mechanism.

- **Any Other**

Proposal for renovation of creeks, construction of bear hide out, signages in bear habitats and plantation of fruit bearing species in bear habitat have been provided in this APO. District/ Division/ Location-wise estimated cost under the above activities furnished in **AnnexureVII-V**. 325

7.2.7 Soil and Moisture Conservation Measures in Wildlife Habitat:

Soil and Moisture conservation intervention are desirable to enhance the moisture regime of forest area. Under this item, loose boulder check dams, staggered trench, percolation pit etc. are proposed to be taken up in forest areas. In a forest patch the entire drainage line will be treated as per the requirement. District/ Division/ Location-wise estimated cost under the above activities furnished in **AnnexureVII-VI**. (353)

7.2.8 Implementation of Action plan for soil and moisture conservation measure

As per the decision taken in the 11th meeting of State level steering committee of State CAMPA held on dated 28.07.2015, the action plan for Soil Moisture Conservation measures has been prepared with a financial outlay of Rs.1009.00 Lakh which will be utilized in 3 years. Top to bottom & complete treatment of the natural drainage system in an intensive manner in specific undulating and hilly terrains of certain specific ranges of the divisions will be covered in this head where apart from checking. soil erosion and impeding the pace of surface runoff, major thrust would be given to enhance subsurface aquifer and augment ground water recharge. Each range picked up under this head would be given Rs.10 lakhs during this year. Provision of Rs.100.00 lakh has been made in this APO. District/ Division/ Location-wise estimated cost under the above activities furnished in **AnnexureVII-VII**.

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7.2.9 Establishment, Operation and Maintenance of animal rescue center and veterinary treatment facilities for Wild animals

There are eight large /mini and small zoos managed and maintained by Forest Department which are also functioning as animal rescue centers. Some improvement and maintenance activities will be taken up in these eight rescue centers under this APO as per the zoo master plan and master layout plan approved by CZA.

- Veterinary and diagnostic Centre with advanced post-mortem and forensic capability has been established in Nandankanan Zoo. In this APO for the purpose of maintenance, provision of Rs.15.00 lakh has been made.
- Rescue Centers and transient housing and treatment centers are a need of the hour to provide lifesaving treatment & medication to rescued wild fauna & for making them fit for release in the wild. Funds under this item will be utilized for setting up such centers and procurement of necessary equipments/instruments/medicines etc. for the purpose.

District/ Division/ Location-wise estimated cost under the above activities furnished in Annexure VII-VIII.

7.2.10 Supply of wood-saving cooking appliances and other forest produce saving devices in forest fringe villages as specified by the National Authority

As per the instruction of Inspector General of Forests and Chief Executive Officer, Adhoc CAMPA vide letter No.4-17/2010-CAMPA dated 16.06.2015 to reduce pressure on forests, the provision of distribution of wood saving and cooking appliances and other forest reproduce devices etc. to the villagers around Protected Areas has been made in this APO with a financial outlay of Rs.141.88 Lakhs. The use of LPG in forest fringe villages will also be encouraged. District/ Division/ Location-wise estimated cost under the above activities furnished in Annexure VII-IX.

7.2.11 Management of Biological diversity and Biological resources

For assessment of success of wildlife management, periodical studies of biodiversity of Protected Areas, population dynamics of different fauna, carrying capacity of wildlife habitats and such other studies are essential. In this APO provisions have been made for Biodiversity assessment of the PAs and other research activities. District/ Division/ Location-wise estimated cost under the above activities furnished in *Annexure VII-X*.

7.3 Thus, the total financial outlay for Wildlife Protection & Management is Rs.9698.39 lakh, the details of which are furnished in **Table-7.1**.

VIII. Afforestation through Aama Jangala Yojana

8.1 Aama Jangala Yojana (AJY) is one of the pilot schemes of the Government of Odisha, Forest & Environment Department, being implemented through Odisha Forestry Sector Development Society to promote sustainable forest management in the state with emphasis on livelihood support for the communities living in the forest fringe villages in VSS mode. The scheme has been approved with a Afforestation activities through CAMPA at a cost of Rs. 511.32 crore for six years. Under this scheme, it is envisaged that strengthening of the community based initiative for protection of the forest and creation of alternate livelihood opportunities to reduce pressure on forests will be taken up.

8.2 The objectives of AJY are to conserve and restore degraded forests with active engagement of communities living in the forest fringe by developing their skills through capacity building and creation of alternate livelihood opportunities. This would arrest further degradation of forests and the alternate livelihood opportunity would reduce their dependence on forests and thereby reduce pressure on forest.

8.3 The entire VSS based afforestation activities under Aama Jangala Yojana are designated as separate project. This involves Capacity building through community mobilization, Institution Building, Formation of Self Help Groups, PRA, microplan preparation. Restoration of degraded forest areas assigned to VSS is done through ANR activities.

8.4 Under APO 2019-20, 540 VSSs would be covered in 23 Forest Divisions for taking up various activities as detailed in the following table. The total cost estimated for carrying the activities under AJY is projected at Rs.81.57 Cr. The details of the works that will be undertaken in AJY is given in the following table:



S.No.	Name of Activity	Physical Target	Financial Outlay (Rs. in Cr)
1	ANR without Gap planting 0 th year	27000	6.80
2	Preparatory Works & Support Activities	Boundary Clearance, Survey, Pillar Posting, Publication, Micro Plan preparation, Capacity building etc	2.96
3	ANR 1 st year maintenance	25000 ha	31.35
4	ANR 2 nd yr Maintenance	25000 ha	11.95
5	ANR 3 rd yr Maintenance	105283 ha	26.74
6	Block Plantation 3 rd yr Maintenance	1010 ha	1.77
		Total	81.57



IX INFRASTRUCTURE DEVELOPMENT

9.1 Introduction

Forest and Forestry have undergone a drastic change over the last few decades. However, the infrastructure of the Forest Department has not developed keeping in pace with the changing scenario mainly because of inadequate budgetary support. This aspect has been well perceived and adequately addressed in the CAMPA rules. The rules lay emphasis on development of infrastructure especially for the frontline staff. It is thus imperative that infrastructure associated with management of forest, residential accommodation for the frontline staff, communication, mobility etc. be the priority area in the planning process for augmentation of infrastructure at the cutting edge level. Accordingly, the total financial outlay of different infrastructure component is kept at Rs 3821.71 lakhs as indicated below in the table.

9.2 Mega Nursery

The maintenance work of Permanent / Mega Nurseries established in previous APOs will be carried out under this APO at a cost of Rs. 387.66 Lakh.

9.3 Maintenance of Forest Road

Forest Road will be maintained over 1000 K.m. at the cost of Rs. 500.00 Lakhs in different forest divisions.

9.4 Construction of Culverts

There will be construction of 137 units of culvert in different forest divisions at the cost of Rs. 209.61 Lakhs.

9.5 Construction of Causeway

234 nos of causeway will be constructed in different forest divisions at the cost of Rs. 248.04 Lakhs. Besides that one culvert at Beherasahi in Chandaka (WL) Division will be constructed at the cost of Rs. 35.00 lakhs.

9.6 Residential Accommodation

Standard plan and cost structure have been prepared for the residential accommodation to be provided to Range Officer, Deputy Ranger / Forester and Forest Guards. The standard plan has been prepared keeping the entitlement of different category of staff in view. The cost structure has been based on the approved cost structure of the Works Department of Govt. of Odisha. Continuous effort has been made right from Annual Plan of Operation 2010-11 to construct residential accommodation for the frontline staff. The present plan provides for construction of residential accommodation for 30 Range Officers at an estimated cost of Rs. 366.90 Lakhs , residential accommodation for 75 Foresters at an estimated cost of Rs. 706.50 Lakhs and residential accommodation for 200 Forest Guard at an estimated cost of Rs. 1368 Lakhs. Total financial outlay for construction of residential accommodation of Range officer, Foresters and Forest guard is Rs.2441.4 Lakhs. Division wise details have been furnished in **Table- 9.1**

9.7 Strengthening of Range offices for forest protection

There are 282 Range offices under the control of PCCF Odisha. Patrolling vehicles equipped with appropriate communication gadgets are required for movement of Forest staff in the field for protection duty. About 70 Range offices have been provided with Govt. vehicles. So, provision has been made for engagement of Drivers and POL for these vehicles engaged in field for protection duties at a cost of Rs. 232.40 lakhs. Other 212 Range offices have not been provided with Govt. patrolling vehicle. So, provision has been made for engagement of patrolling vehicle on hire basis to facilitate full proof protection region all across the State along with provision of POL at a cost of Rs. 763.20 Lakhs. The total financial outlay for engagement of patrolling vehicles and drivers is Rs. 995.60 Lakhs. The details have been provided in **Table- 9.2**



9.8 Infrastructure Development in Wildlife

Development of infrastructure is important component for effective wildlife management. Following infrastructure works are proposed.

- In order to provide accommodation to the squad personnel, it is proposed to construct Anti-Poaching barracks at strategic field locations equipped with communication equipment, drinking water facility, solar light system etc. In this APO provision for establishment of 18 Nos. of anti-poaching barracks have been made.
- Provisions have been made for strengthening 15 Nos. Anti-poaching check gates.
- Provision of construction of 10 nos. of seizure yards for safe keeping of vehicles involved in wildlife crime have been made.
- Funds for construction of 9 Nos. of floating jetty and construction of 09 nos. watch towers at strategic locations have been provided.
- Provision of Rs.1.50 crores has been made for strengthening wildlife monitoring and surveillance activities to ensure effective wildlife protection region. The funds in this item will be spent for purchase of Trap Cameras, Night vision binoculars, thermal imaging equipments & installation of anti-poaching towers along with procurement of related equipments.
- District/Division/ Location-wise estimated cost of infrastructure under wildlife is furnished in *Annexure IX-I*.
- ***Total financial outlay is fixed at Rs.1000.00 lakhs.***

9.9 Strengthening of Communication facilities for Wildlife

- For improving the performances of Wildlife Protection squads and Anti-depredation squads it is essential to have better communication facilities available with them. For these following activities are proposed in this APO.
 - i. Installation of VHF and other communication equipments and maintenance along with satellite tracking & patrolling squads/ vehicles thereof.
 - ii. Forest roads require regular maintenance to make it motorable which is essential for protection of Forest and Wildlife and for supervision of management interventions. It is proposed to maintain forest roads of wildlife divisions. It is also proposed to construct one bridge at Patbil of Similipal Tiger Reserve and nine nos of boxcell culvert in Debrigarh WLS to improve connectivity and effective protection throughout the year.
 - iii. Fund provision for strengthening of GIS cell with requisite CIT infrastructure to ensure effective WL protection protocol across all WL units of the State at Wildlife Headquarter has been made in this APO. District/ Division/ Location-wise estimated cost under the above activities furnished in **Annexure IX-II**.
- ***The financial outlay for communication is fixed at Rs.1112.57 lakhs.***

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DETAILS OF THE INFRASTRUCTURE TO BE DEVELOPED IN WILDLIFE				
Sl. No.	Item of Work	Unit cost (` in lakh)	Quantity/Unit (in No.)	Proposed Amount (Rs. In Lakh)
1	Strengthening of Communication facilities.			
(i)	Instalation of VHF base station, other Communication devices and maintenance thereof including satellite tracking of patrolling/ squad vehicle.		LS	478.00
(ii)	Forest Road repairs.	0.69	753	519.57
(iii)	Construction of RCC bridge at Patbil of Similipal Tiger Reserve & 9 box cell culverts in Debrigarh WLS.			100.00
(iv)	Communication and information Technology.			15.00
	Total			1112.57
2	Infrastructure Development			
(i)	Anti-poaching Barrack.	20.00	18	360.00
(ii)	Anti-poaching check gates.	7.00	15	105.00
(iii)	Seizure Yard.	7.00	10	70.00
(iv)	Floating Jetty.	15.00	9	135.00
(v)	Construction of Watch Tower	20.00	9	180.00
(vi)	Equipments for monitoring of wild animals and the protection activities.			150.00
	Total			1000.00
	Grand Total			2112.57

- *The total financial outlay of wildlife infrastructure and communication stands at Rs.2112.57 Lakhs*

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9.10 Cost Outlay

The cost outlay under Infrastructure Development is Rs.6929.88 lakh as indicated below and the detailed activities under wildlife is given in the table below:

Sl No.	Name of Activity		Unit cost (Rs. In Lakhs)	Total Cost (Rs. In Lakhs)
1	Up-gradation and maintenance of Mega Nursery/ Permanent Nursery and Balance cost of Rs.3.32 lakhs raising of One Lakh seedlings of APO 17-18	39 no	9.94	387.66
2	Construction, Up-gradation and maintenance of Forest Road (KM)	1000 km	0.50	500
3	Culvert	137 units	1.53	209.61
4	Cause Way	234 units	1.06	248.04
5	Range Officer's Residence	30 no	12.23	366.9
6	Forester Quarter	75 no	9.42	706.5
7	Forest Guard Quarter	200 no	6.84	1368.00
8	Culvert for Behera sal IN Chandaka WL Divn	L.S	L.S	35.00
10	Strengthening of Range Offices for forest protection			995.60
11	Infrastructure development for Wildlife management			1000.00
12	Strengthening of communication facilities for Wildlife management			1112.57
	Total			6929.88

X RESEARCH

10.1 Research activity is essential for maintenance of Tree genome bank, preservation of Biodiversity, introduction of new species in afforestation, study of different techniques in afforestation works etc.

10.2 The main activities proposed under Research are production of QPM, maintenance of plus trees (old), ex-situ conservation of *Mesua ferrea*, maintenance of *Santalum Album* plantation with different host species, maintenance of hi-tech nursery and other nursery, creation of sample plots in RET seedling plantations, logistic support for research activities, creation of seed stand of 10 medicinal plants, physical fencing at research station etc. For this an outlay of Rs. 2.00 Cr is proposed and the details are given in the *Table 10.1*

10.3 NTFP sustainable management in tribal areas

In addition, new project will be taken up on NTFP sustainable management in tribal areas. For this, an outlay of Rs.50.00 Lakh is proposed.

10.4 Research activities for Wildlife

Research activities are being carried out in different PAs relating to different fauna, carrying capacity of wildlife habitats and such other studies which will be implemented after recommendation of the Research Advisory Committee (RAC). For the purpose provision has been made for Rs.35.00 lakh in this APO.

XI. CAPACITY BUILDING

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11.1 Frontline staff capacity building infrastructure

Capacity building of all the frontline staff like Forest Guards, Foresters and Range Officers on the recent developments, amendment of different acts and rules, change in technology etc. plays a key role in successful forest management. The present infrastructure available for imparting such new technical knowhow is insufficient and there is a need of development of the infrastructure. The improvement of such available infrastructure and improvement/creation of new infrastructure is invariable to improve upon the capacity of frontline staff. For the above purpose, the financial outlay is fixed at Rs.6.01 Crores.

11.2 Capacity Building

11.2.1 Importance of capacity building in shape of different training to equip the Forestry personnel at various levels with desired knowledge and technical competence needs no elaboration. The fast changing forestry scenario at local, national and at global level makes the training needs more pronouncing.

11.2.2 There has been a growing demand for supply of arms to forest personnel at the cutting edge level mainly for self defence and to deal with heavily armed smugglers often equipped with deadly weapons. However, such staff lacks adequate knowledge for the use of the arms supplied to them since there is no provision for regular training and target practice as it is available to police personnel. There is also need for proper understanding of the legal provisions for all the frontline staff who are in the protection job. In order to bridge the gap, it is proposed to impart arms training with the help of District Police Administration in each Territorial Division. The training is proposed to be of two days duration which will make the frontline staff acquainted with the use and maintenance of arms and regular target practice.

11.2.3 Soil and Moisture conservation in forest areas plays a key role in management and development of forest. The cutting edge staff who are implementing the activities need to be trained in order to take up the job scientifically. Hence it is decided to organize a two day training module with technical experts to the frontline staff.

11.2.4 There are gaps in the understanding and appreciation of Forest Acts and Rules at the level of Forest Guards and Foresters especially with the enactment of new acts and modifications in the existing rules. Forestry sector boundaries have also changed over a period of time. One day training module has been planned for the frontline staff.

11.2.5 Specialized training on technical forestry matter having a wide coverage of day to day forestry activities such as nursery techniques, watershed management, silviculture, community participation, natural resource management etc. has also been planned at Range level every year. There will be a special training module as a part of this programme to enhance the capacity of the forest staff for better and effective communication with village communities and larger civil society.

11.2.6 To develop capacity building of the frontline staff, training programmes in different divisions will be taken up with resource persons for which a provision of Rs.1.00 crore has been kept in this APO.

11.3 Publicity & Awareness Programmes for Wildlife

Under wild life component of the APO, it is proposed to take up training programmes for the field staffs and Rapid Response Teams in the matter of Wildlife Act and Rules, anti-depredation activities and rescue and rehabilitation operations etc. Similarly, capacity building of all the stakeholders in wildlife activity on recent developments in wildlife matters will also be taken up. Publication of IEC materials will also be taken up as a part of awareness building among the local people. The total financial outlay fixed at Rs.0.75 crores.

The total financial outlay under the head is Rs 1.75 crores.

XII. FOREST IT & GEOMATICS

Forest Information Technology & Geomatic Centre (FITGC) has been developed in the State Forest Hqrs which plays a key role in forests and wildlife management and its protection. In the said centre, monitoring of different activities like forest and wildlife protection, forest fire, activities undertaken under CAMPA funding through e-Green Watch, afforestation etc. is being taken up. In the forest protection, more focus is given on foot patrolling by frontline staff which is also being monitored in the above centre. On an average, 1,00,000 KMs of foot patrolling is being done by the frontline staff per month using GPS-PDA and android based mobile loaded with appropriate apps which is being monitored online. The forest fire monitoring is being done on MODIS and SNPP satellite platform in the above centre. There are 23 different apps for implementation / monitoring of different activities aimed towards better forest management and protection. To control/monitor all the above activities, a Geomatic and other CIT Infrastructure has been installed in the Forest Hqrs FITGC Cell which is being utilized for the purpose and about 10 TB data is being managed in the FITGC Cell.

Customized GAGAN enabled GPS-PDA devices has been provided to all the Ranges in the field and is being utilized for operating different forestry applications being used for forest and wildlife management and protection. Mobile sets are being also utilized by the field functionaries for using the above forestry applications.

It has been proposed to take up DGPS survey using GIS and Remote sensing of all forest land in a phased manner within next 4 years. The total targeted area is 60,991 Sq.Kms which is to be surveyed. The main purpose of the above activity is to develop an "enterprise class GIS based decision support system" for all the forest land in the state of Odisha as mandated by Hon'ble Supreme Court. It will help in managing and protecting the entire forests of Odisha which may be within the control of Forest Department or Revenue Department.

To take up the above activities the financial outlay in the present Plan is fixed at Rs.15.00 Crores.

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XIII. MONITORING, EVALUATION

13.1 As per CAMPA guidelines, all the activities of previous operations carried out under CAMPA are to be monitored and evaluated by an independent/3rd party organization to assess the quality as well as effective utilization of funds. For this, tender has been floated and after due technical and financial evaluations, M/s CTRAN Consulting Ltd. is finalized for doing 3rd party evaluation. The contract has been signed with them and work will commence soon.

13.2 At present, there are 282 ranges, in which the Range Officers are having multifarious activities like implementation of different schemes, uploading of data, CAMPA Tracker, accounting, monitoring of the schemes, protection, public interface, etc. For carrying out the above works, support hand is required who is good at data handling, data analysis and presentation. Each range is to be provided with a data manager to carry out the tasks. They also help in monitoring the different programmes running in the ranges and divisions.

For Monitoring and evaluation, a provision of Rs.5.00 crore has been kept.

XIV. EXPENDITURE PROPOSED UNDER CAMPA INTEREST MONEY

1. STATE AUTHORITY

As per Section 10 of CAMPA Act, the State Authority has been notified by the State Government of Odisha on 29.9.2018. The copy of it is enclosed at Annexure I-I. The Authority needs to spend money on human resource that helps from concept to commissioning of APO as permissible in THE COMPENSATORY AFFORESTATION FUND Act, 2016 & THE COMPENSATORY AFFORESTATION FUND Rule, 2018 of CAMPA. In this process, the Afforestation, Nodal, Protection and Sustainable Management Wing, Monitoring and Evaluation Wings of the o/o PCCF, Odisha play a vital role. For successful implementation of the APO, active involvement of all the wings is mandatory. Keeping in view of this, 2% cost of the Plan is kept as contingency to be spend on the different establishments of the State Authority in line with OMBADC, (Odisha Mineral Bearing Area Development Corporation) where more than Rs. 15000 Crores is being spent for doing tribal welfare activities in Tribal districts and which is under direct supervision of Supreme Court appointed Judge; and the expenditure to the tune of 2% is permitted by the Hon'ble Justice of Supreme Court who is the Oversight Authority and has been on the record in the form of affidavit filed in the Supreme Court. Out of the total Plan outlay of the current year APO is Rs.592 Cr., 2% of it i.e. 11.84 or 12 Cr. is proposed to be kept as contingency. The contingency expenditure will be booked as per actual.

2. ACCOUNTING

Govt of India, MOEF &CC has stipulated preparation of CAMPA accounts of all APOs starting from 2009-10 to 2016-17 in double entry accounting system. For doing this job, tender has been floated and 5 CA Firms have been finalized after a detailed technical scrutiny and Govt of Odisha has

approved these 5 Firms and a contract has been signed with them. The work has already been commenced and expected to be completed in next 4-5 months time. Financial outlay for accounting is kept at Rs.2.0 Cr. National Authority has suggested to keep this expenditure under Interest money as there is no specific head for this in NPV. Accordingly this item has been kept under Interest.

3. DEVELOPMENT OF STATE AUTHORITY OFFICE

As per Sub Rule (b) (iv) of Rule 6, there is a provision for hiring of building on lease for the establishment of office of CEO, State Authority. It is thought more prudent to renovate the existing building and make the office rather than hiring a completely new building. Hiring of building would have a cascading effects like incurring recurring expenditure, uncertainty of availability of space in future, etc. Hence the State Level Steering Committee has taken a conscious decision to keep the CEO office in close proximity of the PCCF office which will also help in proper implementation of APO. Hence Rs. 2 Crores has been kept for development of the CEO, State Authority Office.

4. CAMPA CAPACITY BUILDING CENTRE

The implementation of provisions of Campa Act and Rules does not limit to the State Authority, and has got larger connotations ranging from Mining, Revenue, Finance, Tribal Development, Livelihood Support, Rural Development and other stakeholders. Realizing this, the Government of India has also kept divergent people in the Executive Committee, Steering Committee and the Governing Body. All these people involved need to be sensitized at periodic intervals. It is therefore envisaged to put in place a capacity building centre for the capacity enrichment of different stakeholders of forest management. Campa Capacity Building centre will provide such a platform to enlighten people, policy makers on several aspects of overall forest management. In the capacity building programme every year, lot of efforts are done, in which major chunk going for hiring of space which is not readily/timely available and that could be addressed with this centre. The

State Level Steering Committee accords top priority to the development of Capacity building centre. This activity is permissible as per Rule 6 (b) and Rule 5(3). Moreover, MOEF has approved this activity in the previous Plans as well. This is an ongoing activity and in the current year, an amount of Rs. 10 Crores has been kept for this ongoing activity

ABSTRACT OF EXPENDITURE PROPOSED UNDER CAMPA INTEREST IN APO 19-20		
S.No.	Activity	Amount in Crores
1	Expenditure for State Authority	12
2.	Accounting	2
3.	Development of State Authority Office	2
4.	Campa Capacity Building Centre	10
	Total	26

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PART- IV

CAMPA APO 2019-20

**MEASURABLE OUTPUT OF ALL PHYSICAL
ACTIVITIES**

PART - IV

MEASURABLE OUTPUT OF ALL PHYSICAL ACTIVITIES

There are different activities proposed under Compensatory Afforestation, Integrated Wildlife Management Plan, Plantations under NPV, Subsidiary silvicultural operations, forest protection, Ama Jangala Yojana, infrastructure development, Research, Capacity building, development of capacity building infrastructure, monitoring and evaluation, etc. The financial outlay of the different activities proposed in the APO is given in the following table.

Sl.No	Component of work	Financial Outlay (Rs in Cr.)
1	CA, Addl CA, PCA, SZ, 1.5 SZ etc	48.84
2	Integrated Wildlife Management Plan	
	(i) Regional Wildlife Management Plan	0.73
	(ii) Site Specific Wildlife Conservation Plan	35.72
	Net Present Value	
	80% Activities	
3	Plantations	158.36
4	Bamboo SSO	16.26
5	Forest Protection	54.15
6	Wildlife Management	96.98
7	Ama Jangala Yojana	81.57
	Total 80% Activities	407.32
	20% Activities	
8	Infrastructure Development	69.30
9	Research	2.85
10	Frontline staff capacity building infrastructure development and upgradation	6.01
11	Capacity Building	1.75
12	Forest IT & Geomatics	15.00
13	Monitoring & Evaluation	5.00
	Total 20% Activities	99.91
	GRAND TOTAL	592.52

A-1 Details of the plantation Activities proposed in the APO:

Different plantations activities proposed in the APO are aimed at the restoration of the degraded areas, increasing the green cover, increasing the water level in the area. Various plantation details are given in the following paras:

(i) **COMPENSATORY AFFORESTATION:**

In the current year, block plantations, ANR, Bald hill, Safety zone , Left over CA will be done along with the maintenance of the plantations raised in the previous years. The details of the current year plantations and maintenance activities are detailed below in the two tables and the abstract is given in the 3rd table.

DETAILS OF THE CURRENT YEAR CA, PCA PLANTATIONS				
S.No.	Type of Plantation	Category (Ha)	Physical Target	Financial Outlay (Lakhs)
1	Current year CA	Block	526.64	
		ANR	2689.00	
		Bald Hill	314.73	
	Total		3530.37	1155.51
2	1.5 times Safety Zone,	Block	20.79	
	10 times Tree Plantation, SMC, etc.	ANR	1661.56	
		Bald Hill	155.75	
	Total		1838.10	2324.34
3	Leftover CA	ANR	4.48	
		ANR without gap	93.17	
		Total	97.65	12.27
4.	Canal Bank Plantation		31.1 RKM	15.80
	Total	5466.12 ha Plantation	31.1 RKM	3507.92

DETAILS OF THE 2 nd YEAR, 3 rd YEAR, 4 th year 5 th year, 6 th year maintenance and P.O. of CA, PCA PLANTATIONS				
S.No.	Type of Plantation	Category (Ha)	Physical Target in Ha.	Financial Outlay (Lakhs)
1	2 nd year maintenance	Block	222.82	
		ANR	1984.04	



		Bald Hill	48.25	
		Tree Plantation	2300 (no.)	
		Avenue	7000 (no.)	
		Total	2255.11 ha, 9300 no	228.92
2	3 rd year maintenance	Block	79.70	
		ANR	4609.27	
		Bald Hill	152	
		Tree Plantation	100 (no.)	
		Avenue	44681 No.	
		Total	4840.97 ha, 44781 no	268.08
3	4 th year maintenance	Block	452.83	
		ANR	3331.68	
		Bald Hill	168	
		Avenue	27300 (no.)	
		Total	3952.51ha, 27300 no	132.30
4	5 th year maintenance	Block	561.40	
		ANR	3595.59	
		Avenue	30.44(Rkm) or 35382 no.	
		Total	4156.99, 35382 no	116.57
5	6 th year maintenance	Block	418.49	
		ANR	4754.01	
		Total	5172.5	64.18
6	P.O.	Block	500	
		ANR	4000	
		Bald Hill	200	
		Total	4700	566.24
		Grand Total	29919.05 ha	1376.29
			72082 no. 30.44 Rkm	



ABSTRACT OF PLANTATION ACTIVITIES UNDER CA, PCA		
Activity	Physical Target	Financial Target (Rs. in lakhs)
Current year plantation	5466.12 ha 31.1 RKM	3507.92
2 nd year maintenance	2255.11 ha 9,300 (No)	228.92
3 rd year maintenance	4840.97 ha 44781 (No)	268.08
4 th year maintenance	3952.51 ha 27300 (No)	132.30
5 th year maintenance	4156.99 ha 35382 (No)	116.57
6 th year maintenance	5172.5 ha	64.18
Preliminary Operation	4700 ha	566.24
Total		4884.21

(ii) *Plantation Activities proposed under 80% NPV:*

The physical and financial details of the current year plantations and the maintenance of the previous year Plantations is given in the following table:

DETAILS OF THE PLANTATIONS ACTIVITIES PROPOSED IN APO 19-20			
Sl. No.	Activities	Target in ha.	Financial Outlay (in Rs. Lakh)
1	Block Plantation RW Coupes @ Rs.49607.25/ha	2000	992.15
2	ANR (200 Plant)RW Coupes creation @ Rs.20680.80/ha	20000	4136.20
3	Bamboo Plantation (400 plant) @ Rs33498/ha creation	2000	669.96
4	ANR RW Coupes 2 nd year maintenance @ Rs.7473.48/ha	84930	6347.23

5	ANR RW Coupes 4 th year maintenance @ Rs.882/ha	93121	821.33
6	Bamboo Plantation (50plant) @ Rs749/ha 4 th year maintenance	10088	75.56
7	Bald hill Plantation 2 nd year maintenance @ Rs.40354/ha	1000	403.54
8	Bald Hill Plantation 4 th year maintenance @ Rs.19929/ha	1000	199.29
9	Pre-planting operations for 20-21 plantation		2000.00
10	Avenue plantation in Cuttack division	76 RKM	93.57
11.	ANR Plantation in Fani affected areas of Puri Division @ 24189/ha	400 ha	96.76
	Total		15835.59

A-II BAMBOO SUBSIDIARY SILVICULTURAL OPERATIONS

It is proposed to take up 1,62,600 ha of bamboo silvicultural operations in C & D types of coupe under APO 2019-20 as per the Working Plan prescription. The cost norm for treatment of Bamboo clumps under subsidiary Silvicultural operations have been prepared taking into account average number of Bamboo clumps per hectare and average sizes of Bamboo clumps with number of culms per clump. The cost norms are calculated division wise in this year. The total financial outlay for Bamboo SSO is Rs.16.26 Crore. Division wise details are in the chapter 5 and table 5.1

All the live clumps shall be treated with individual clump treatment which shall include cutting back of high stumps, cutting and removal of side branches and removal of cleaning material from the treatment area so as to reduce fire hazard. Earth mounding to the base of the clump would be done preferably with soil scooped out from uphill side. Stacking of boulders, wherever they are available, on the downhill side close to the clump will help stabilize the soil and protect it from erosion.

A-III Forest Protection:

There are several activities proposed under forest protection. Mainly the activities are focused on protection against theft, fire etc. The measurable outputs in this activity are reduction in the theft, increase in the offense booking, increase in the foot patrolling, reduction in the number of fire incidences, etc. The physical and financial details of the activities proposed under forest protection are detailed in the following table:

DETAILS OF FOREST PROTECTION ACTIVITIES		
Sl. No.	Activity	Financial Outlay Rs in lakhs
1	Protection for mitigating loss of forest resources	
	(a) Continuation of forest protection squads in 32 vulnerable sites in 24 Divisions	574.24
	(b) Supporting Activities for Forest Protection	
	i) Forest Protection coordination Cell	301.45
	ii) Addressing key issues of protection	145.00
	iii) Management & protection of forests by engaging 195 forest protection squads in ranges	2691.00
	Sub Total	3711.69
2	Management and Control of Forest Fire	
	(a) Management and control of fire through 216 additional squads in 37 Forest Divisions	1296.00
	(b) Creation and management of fire line in 37 Forest Divisions over 8000 RKM	224.00
	c) Logistic for 216 squad @ Rs.0.85lakh/Sqd	183.60
Sub Total	1703.60	
TOTAL FOREST PROTECTION		5415.29

A-IV Wildlife Protection Activities:

Several activities are being undertaken under wildlife protection which are elaborated in the Table 7.1 of Part III of the APO. The detailed physical activities and the financial outlay are elaborated in the table. The main activities include protection squads, fire prevention and control measures, antidegradation activities, voluntary relocation of villages, SMC works,

habitat improvement, development of veterinary facilities and animal rescue centres, management of biodiversity of the protected areas etc. The total outlay for these activities is Rs.96.98 Crores.

A-V Ama Jungala Yogana:

The objectives of AJY are to conserve and restore degraded forests with active engagement of communities living in the forest fringe by developing their skills through capacity building, Afforestation and restoration of degraded forests. The entire VSS based afforestation activities under Ama Jangala Yojana are designated as separate project. This involves Capacity building through community mobilization, Institution Building, Formation of Self Help Groups, PRA, microplan preparation. Restoration of degraded forest areas assigned to VSS is done through ANR activities. In the current APO 540 VSS would be involved and the cost projected is Rs.81.57 Cr. The physical and financial details are in the following table.

S.No.	Name of Activity	Physical Target	Financial Outlay (Rs. in Cr)
1	ANR without Gap planting 0 th year	27000	6.80
2	Preparatory Works & Support Activities	Boundary Clearance, Survey, Pillar Posting, Publication, Micro Plan preparation, Capacity building etc	2.96
3	ANR 1 st year maintenance	25000 ha	31.35
4	ANR 2 nd yr Maintenance	25000 ha	11.95
5	ANR 3 rd yr Maintenance	105283 ha	26.74
6	Block Plantation 3 rd yr Maintenance	1010 ha	1.77
Total			81.57

B- Measurable Outputs of the Physical Activities undertaken under CAMPA:

All the activities proposed in the Campa APO have a definite measurable outputs. The time line for working out the measurable outputs will be after one year of completion of the works. There is a well established system in place in Odisha Campa for the evaluation of the measurable outputs. These have been clearly mentioned in the RFP document for the selection of agencies for doing third party evaluation. The same principles will be applied here also. For example, for plantations, measurable outputs will be height, girth, survival percentage, maintenance of plantation journals, etc. For SMC works, the parameters would be numbers per ha, extent of siltation, efficacy of structures, enhancement of water levels, etc. will be the parameters. For SSO Bamboo, the parameters would be like, no. of new culms, siltation in the half moon trenches, retention of soil over the base of the clump, removal of congestion of the clump, etc. For ANR Plantations the criteria of evaluation would be status of natural regeneration, extent of coppicing, maintenance of journals, etc. For evaluating the protection works, the main focus would be on monitoring of the foot patrolling through the GPS PDA, quantity of seized produce, no. of accused persons arrested, trends of offence incidents, change in the green cover of the designated areas, extent of cooperation of the villagers in the forest protection, etc. The measurable outputs for fire protection investment would be trends in forest fire occurrence, usage and adequacy of fire protection equipments, maintenance of movement registers, methodology of fire protection adopted, etc. The main aspects of infrastructure development would be usability, present condition, etc. Similarly for all the other activities elaborate evaluation parameters are worked out and spelt out in the RFP.

**C-I DETAILS OF MONITORING AND EVALUATION:**

1. The monitoring of the Campa activities is an ongoing process. There are different levels of monitoring.
2. Studying and Analysing the data obtained from the field.
3. All the Muster rolls are checked by the Range Officers (50%), ACF (20%), DFO (10%)
4. All the work sites are inspected by the field officers in the proportions enunciated as per the Forest Code.
5. The officers of the PCCF office are designated to visit the circles and do the field inspections and guide the field staff accordingly.
6. The technology has been leveraged for monitoring the works.
7. Forest Information Technology & Geomatic Centre (FITGC) has been developed in the State Forest Hqrs which plays a key role in forests and wildlife management and its protection. In the said centre, monitoring of different activities like forest and wildlife protection, forest fire, activities undertaken under CAMPA funding through e-Green Watch, afforestation etc. is being taken up.
8. In the forest protection, more focus is given on foot patrolling by frontline staff which is also being monitored in the above centre. On an average, 1,00,000 KMs of foot patrolling is being done by the frontline staff per month using GPS-PDA and android based mobile loaded with appropriate apps which is being monitored online.
9. The forest fire monitoring is being done on MODIS and SNPP satellite platform in the above centre. There are 23 different apps for implementation / monitoring of different activities aimed towards better forest management and protection. To control/monitor all the above activities, a Geomatic and other CIT Infrastructure has been installed in the Forest Hqrs FITGC Cell which is being utilized for the purpose and about 10 TB data is being managed in the FITGC Cell.
10. Customized GAGAN enabled GPS-PDA devices has been provided to all the Ranges in the field and is being utilized for operating different forestry applications being used for forest and wildlife management and protection. Mobile sets are being also utilized by the field functionaries for using the above forestry applications.

11. Even Elephant movements are monitored through apps and at many times, it has come handy to avoid accidents.

C-II Third Party Monitoring:

1. As per CAMPA guidelines, all the activities of previous operations carried out under CAMPA are to be monitored and evaluated by an independent/3rd party organization to assess the quality as well as effective utilization of funds. For this, tender has been floated and after due technical and financial evaluations, M/s CTRAN Consulting Ltd. is finalized for doing 3rd party evaluation and contract is signed with them on 9.11.2018 and they have already submitted inception report in February 2019, Interim report in September 2019 and the work is in advance stage, in another four months report will be ready on evaluation of Campa activities by the third party.

2. The process has been started for the appointment of internal auditors to audit the campa works. Their job is to ensure all the financial procedures, procurement rules are followed in the divisions. Also to see the implementation of Direct Benefit Transfers to the individual beneficiaries, submission of monthly accounts, MPR, QPR, etc. The auditors will give half yearly reports on the working Campa Act And Rules. This will be done from the current financial year.

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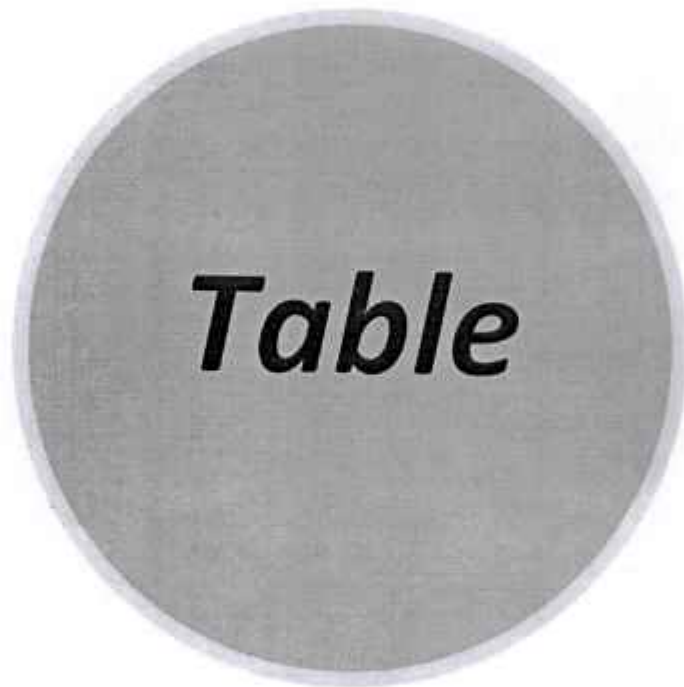


Table 2.1 Abstract of Compensatory Afforestation and related Plantation Details to be carried out during 2019-20

Sl No	Name of the Division	Block (In Ha)	ANR (In Ha)	ANR without Gap Plantation (In Ha)	Bald Hill (In Ha)	Canal Bank Plantation (In RKM)	Total (In Ha)	Total Plantation Cost (In Rs)	Cost of ancillary activities to be carried out alongwith the plantations as per approved Plantation Schemes (In Rs.)	Other Schemes as per stipulated condition (In Rs)	Total Financial Outlay (In Rs)
1	Keonjhar	41.2442	979.9925	0	0	0	1021.237	20914347.88	25963621.00	830000.00	47707968.88
2	Rourkela	0	63.628	0	0	0	63.628	1770582.72	2817639.00	0.00	4588221.72
3	Bonai	0	217.82	0	0	0	217.82	4504691.86	8347411.00	0.00	12852102.86
4	Sundargarh	11.786	413.167	93.17	0	0	518.123	12901991.47	19864720.00	0.00	32766711.47
5	Angul	1.23	935.787	0	0	0	937.017	19389043.91	7586178.00	0.00	26975221.91
6	Cuttack	82	0	0	48.6	0	130.6	6009019.55	1596393.00	0.00	7605412.55
7	Dhenkanal	0	674	0	0	0	674	25639437.60	17841069.00	0.00	43480506.60
8	Koraput	119.23	733.00	0.00	142.15	0	994.37	44022419.80	53321988.00	0.00	97344407.80
9	Rayagada	274.031	296.17	0	233.343	0	803.544	41384115.06	28512529.00	0.00	69896644.06
10	Kalahandi South	0	4.48	0	46.387	0	50.867	4428017.55	0.00	0.00	4428017.55
11	Sambalpur	1.521	0	0	0	0	1.521	44789.27	11459.00	0.00	56248.27
12	Jharsuguda	16.387	37	0	0	0	53.387	1512154.79	123455.00	0.00	1635609.79
13	Khariar	0	0	0	0	31.1	0	1455400.70	0.00	0.00	1455400.70
	Grand Total	547.42	4355.04	93.17	470.48	31.1 RKM	5466.12	183976012.14	165986462.00	830000.00	350792474.14

Table 4.1

DETAILS OF BLOCK PLANTATION IN DIFFERENT DIVISIONS

Name of Circle	Name of Division	Target in ha.	Cost Outlay @Rs. 0.4960725 lakh/ha.
Angul	Dhenkanal	100	49.61
	Cuttack	70	34.73
	TOTAL	170	84.33
Bhubaneswar	Khurda	100	49.61
	Nayagarh	90	44.65
	Puri WL	20	9.92
	TOTAL	210	104.18
Berhampur	Baliguda	20	9.92
	Boudh	100	49.61
	Gh.South	100	49.61
	Berhampur	30	14.88
	TOTAL	250	124.02
Sambalpur	Jharsuguda	50	24.80
	Bargarh	55	27.28
	TOTAL	105	52.09
Rourkela	Sundargarh	100	49.61
	Rourkela	30	14.88
	Bonai	40	19.84
	Deogarh	100	49.61
	TOTAL	270	133.94
Baripada	Baripada	50	24.80
	Karanjia	100	49.61
	TOTAL	150	74.41
Bhawanipatna	Kalahandi(N)	45	22.32
	Kalahandi (S)	100	49.61
	Subarnapur	100	49.61
	Bolangir	100	49.61
	Khariar	100	49.61
	TOTAL	445	220.75
Koraput	Koraput	100	49.61
	Jeypore	100	49.61
	Nabarangpur	100	49.61
	Malkangiri	100	49.61
	TOTAL	400	198.429
GRAND TOTAL		2000	992.145

Table 4.2

DETAILS OF ANR PLANTATION IN DIFFERENT DIVISIONS

Name of Circle	Name of Division	Target in ha.	Cost Outlay @Rs. 0.206808 lakh/ha. 200 plant /ha. (Rs. in Lakh)
Angul	Angul	500	103.40
	Athamalik	50	10.34
	Dhenkanal	500	103.40
	Athagarh	500	103.40
	Cuttack	500	103.40
	TOTAL	2050	423.96
Bhubaneswar	Khurda	500	103.40
	Nayagarh	500	103.40
	City Forest	50	10.34
	Chillika WL	200	41.36
	TOTAL	1250	258.50
Berhampur	Phulbani	800	165.45
	Baliguda	800	165.45
	Boudh	500	103.40
	Gh North	500	103.40
	Gh South	500	103.40
	Berhampur	500	103.40
	Parlakhemundi	500	103.40
	TOTAL	4100	847.91
Sambalpur	Jharsuguda	500	103.40
	Sambalpur	500	103.40
	Rairakhol	500	103.40
	Bargarh	500	103.40
	Bamara WL	400	82.72
	TOTAL	2400	496.34

Rourkela	Sundargarh	500	103.40
	Rourkela	500	103.40
	Bonai	500	103.40
	Deogarh	500	103.40
	Keonjhar	500	103.40
	TOTAL	2500	517.02
Baripada	Baripada	500	103.40
	Karanjia	500	103.40
	Rairangpur	300	62.04
	Keonjhar WL	500	103.40
	TOTAL	1800	372.25
Bhawanipatna	Kalahandi(N)	800	165.45
	Kalahandi (S)	800	165.45
	Subarnapur	500	103.40
	Bolangir	500	103.40
	Khariar	800	165.45
	TOTAL	3400	703.15
Koraput	Rayagada	500	103.40
	Koraput	500	103.40
	Jeypore	500	103.40
	Nabarangpur	500	103.40
	Malkangiri	500	103.40
	TOTAL	2500	517.02
TOTAL		20000	4136.15
ANR in Fani Affected Areas of Puri Division of Bhubaneswar Circle	Puri Division- Balukhand-Konark WI Sanctuary	400 ha	96.76
Grand Total		20400 ha	4232.91

Table 4.3

DETAILS OF BAMBOO PLANTATION IN DIFFERENT DIVISIONS

Name of Circle	Name of Division	Target in ha.	Cost Outlay @Rs. 0.33498 lakh/ha.
Angul	Angul	70	23.45
	Dhenkanal	70	23.45
	Athagarh	70	23.45
	TOTAL	210	70.35
Bhubaneswar	Khurda	70	23.45
	Nayagarh	70	23.45
	TOTAL	140	46.90
Berhampur	Phulbani	70	23.45
	Baliguda	70	23.45
	Boudh	70	23.45
	Gh. South	70	23.45
	Gh. North	70	23.45
	Berhampur	60	20.10
	Parlakhemundi	70	23.45
	TOTAL	480	160.79
Sambalpur	Jharsuguda	60	20.10
	Sambalpur	70	23.45
	Rairakhol	70	23.45
	Bargarh	60	20.10
	Bamara WL	70	23.45
	TOTAL	330	110.54
Rourkela	Sundargarh	70	23.45
	Bonai	70	23.45
	Deogarh	70	23.45
	TOTAL	210	70.35
Bhawanipatna	Kalahandi(N)	70	23.45
	Kalahandi (S)	70	23.45
	Subarnapur	70	23.45
	Bolangir	70	23.45
	Khariar	70	23.45
	TOTAL	350	117.24
Koraput	Rayagada	70	23.45
	Koraput	70	23.45
	Jeypore	70	23.45
	Malkangiri	70	23.45
	TOTAL	280	93.79
GRAND TOTAL		2000	669.96

Table 4.4

DETAILS OF 2ND YEAR MAINTENANCE FOR AIDED NATURAL REGENERATION

Name of Circle	Name of Division	Target in ha.	Cost Outlay @Rs. 0.0747348 lakh/ha. (Rs. in Lakh)
Angul	Angul	1500	112.10
	Athamalik	500	37.37
	Dhenkanal	3000	224.20
	Athagarh	1950	145.73
	Cuttack	1750	130.79
	TOTAL	8700	650.19
Bhubaneswar	Khurda	1000	74.73
	Nayagarh	4720	352.75
	Rajnagar WL	390	29.15
	Chillika WL	200	14.95
	TOTAL	6310	471.58
Berhampur	Phulbani	5000	373.67
	Baliguda	4000	298.94
	Boudh	1500	112.10
	Gh.South	1430	106.87
	Gh.North	940	70.25
	Berhampur	1350	100.89
	Parlakhemundi	3000	224.20
	TOTAL	17220	1286.93
Sambalpur	Jharsuguda	1000	74.73
	Sambalpur	2500	186.84
	Rairakhol	1500	112.10
	Bargarh	2000	149.47
	Bamara WL	1000	74.73
	TOTAL	8000	597.88
Rourkela	Sundargarh	5000	373.67
	Rourkela	2500	186.84
	Bonai	500	37.37
	Deogarh	600	44.84
	Keonjhar	700	52.31
	TOTAL	9300	695.03

Baripada	Baripada	1000	74.73
	Karanjia	500	37.37
	Rairangpur	500	37.37
	Keonjhar WL	1500	112.10
	TOTAL	3500	261.57
Bhawanipatna	Kalahandi(N)	5000	373.67
	Kalahandi (S)	4000	298.94
	Subarnapur	2000	149.47
	Bolangir	4000	298.94
	Khariar	3000	224.20
	TOTAL	18000	1345.23
Koraput	Rayagada	5000	373.67
	Koraput	2000	149.47
	Jeypore	400	29.89
	Malkangiri	500	37.37
	Nabarangpur	6000	448.41
	TOTAL	13900	1038.81
GRAND TOTAL		84930	6347.23

Table 4.5

DETAILS OF 4th YEAR MAINTENANCE OF ANR PLANTATION

Name of Circle	Name of Division	Target in ha.	Cost Outlay @Rs. 0.00882 lakh/ha. 200 plant /ha. (Rs. in Lakh)
Angul	Angul	2200	19.40
	Dhenkanal	3000	26.46
	Athamalik	300	2.65
	Athagarh	3000	26.46
	Cuttack	2300	20.29
	TOTAL	10800	95.26
Bhubaneswar	Khurda	1000	8.82
	Nayagarh	5000	44.10
	TOTAL	6000	52.92
Berhampur	Phulbani	5000	44.10
	Baliguda	3500	30.87
	Boudh	1500	13.23
	Gh.South	4500	39.69
	Gh.North	1900	16.76
	Berhampur	3000	26.46
	Parlakhemundi	1200	10.58
	TOTAL	20600	181.69
Sambalpur	Jharsuguda	900	7.94
	Sambalpur	1050	9.26
	Rairakhol	800	7.06
	Bargarh	3500	30.87
	TOTAL	6250	55.13
Rourkela	Sundargarh	5000	44.10
	Rourkela	4000	35.28
	Deogarh	1500	13.23
	Keonjhar	1771	15.62
	TOTAL	12271	108.23

Baripada	Baripada	2000	17.64
	Karanjia	1000	8.82
	Rairangpur	1400	12.35
	Keonjhar WL	3000	26.46
	TOTAL	7400	65.27
Bhawanipatna	Kalahandi(N)	5000	44.10
	Kalahandi (S)	4000	35.28
	Subarnapur	2000	17.64
	Bolangir	6000	52.92
	Khariar	3000	26.46
	TOTAL	20000	176.40
Koraput	Rayagada	4600	40.57
	Koraput	3600	31.75
	Jeypore	600	5.29
	Malkangiri	1000	8.82
	TOTAL	9800	86.44
GRAND TOTAL		93121	821.33

Table 4.6

4th year maintenance Bamboo Plantation over 10088 ha @ Rs.749/ha

Name of Circle	Name of Division	Target in ha	Cost Outlay @ Rs.0.00749 lakh/ha
Angul	Dhenkanal	1500	11.24
Bhubaneswar	Khorda	300	2.25
Berhampur	Berhampur	1200	8.99
	Parlakemundi	308	2.31
Rourkela	Deogarh	580	4.34
	Sundargarh	3000	22.47
Bhawanipatna	Kalahandi (S)	200	1.50
Koraput	Koraput	2900	21.72
	Jeypore	100	0.75
G.TOTAL		10088	75.56

10/5/24



Table 4.7

2nd Year Maintenance for Bald Hill Plantation @ Rs.40354/ha

Division wise Target and Financial Outlay

Sl. No.	Name of Division	Area in ha	Total Cost
			(Rs. in Lakh)
1	Cuttack	100	40.35
2	Berhampur	75	30.27
3	Khurda	50	20.18
4	Rourkela	75	30.27
5	Jey[pore	25	10.09
6	Kalahandi North	75	30.27
7	KalahandiSouth	50	20.18
8	Khariar	75	30.27
9	Blangir	75	30.27
10	Baripada	50	20.18
11	Nayagarh	50	20.18
12	Gh. South	50	20.18
13	Subarnapur	75	30.27
14	Koraput	100	40.35
15	Sundargarh	75	30.27
TOTAL		1000	403.54

1597
156

Table 4.8

4th year maintenance of Bald Hill Plantation over 1000 Ha.
@ Rs.19929/ha

Sl. No.	Name of Division	Area in ha	Total Cost
			(Rs. in Lakh)
1	Cuttack	50	9.96
2	Khurda	50	9.96
3	Nayagarh	40	7.97
4	Gh. South	30	5.98
5	Berhampur	100	19.93
6	Parlakhemundi	30	5.98
7	Baripada	50	9.96
8	Kalahandi North	50	9.96
9	Kalahandi South	50	9.96
10	Subarnapur	50	9.96
11	Bolangir	60	11.96
12	Khariar	50	9.96
13	Sundargarh	50	9.96
14	Rourkela	100	19.93
15	Keonjhar	20	3.99
16	Keonjhar WL	40	7.97
17	Koraput	100	19.93
18	Jeypore	20	3.99
19	Rayagada	60	11.96
TOTAL		1000	199.29

Table 4.9

Details of Avenue Plantation over 76 RKM in Cuttack Division
@ Rs.1,23,123/-ha.

Sl. No.	Name of the CD Block	Name of the GP	Name of Site	Length in RKM	Total Cost
					(in Rs.)
1	Kendrapara	Kapileswar	Garadpur to Patharkhani	4	492492.00
2	Kendrapara	Kasar	Deypur High school to Chandaghat	6	738738.00
3	Marsghai	Padampur	Padampur to Bitira	4	492492.00
4	Marsghai	Kuhudi	Kuhudi to Salipur	4	492492.00
5	Marsghai	Kuhudi	Nembara school to Sima Nembara	6	738738.00
6	Marsghai	Antei	Padampur to Antei college	4	492492.00
7	Garadpur	Nadiabari	Gopei to Nadiabari	6	738738.00
8	Garadpur	Palasudha	Palasudha to Pundilo	4	492492.00
9	Garadpur	Tyndkuda	Tyndakuda to Balihat Bazar	6	738738.00
10	Derabish	Golarhat	Chasakhanda to Adhanga	4	492492.00
11	Derabish	Palei	Adhanga to Chandol	4	492492.00
12	Derabish	Narsinghpur	Narsinghpur to Mundilo	4	492492.00
13	Derabish	Danpur	Danpur to Baspur	4	492492.00
14	Derabish	Benipur	Nimapara to Benipur	5	615615.00
15	Derabish	Nahanga	Manipura to Nikirei College Road	6	738738.00
16	Derabish	Chhoti	Kothichaka to Chhoti	5	615615.00
			TOTAL	76	9357348.00 or 93.57 Lakhs

(838)

Table 5.1
DIVISIONWISE DETAILS OF SUBSIDIARY SILVICULTURAL
OPERATIONS OF BAMBOO

Name of Circle	Name of Division	Target in ha	Man days as per site specification	Cost Outlay
1	2	3	4	5
Angul	Angul	2700	10	75.60
	Dhenkanal	1000	0.89	2.49
	Athagarh	1150	10	32.20
	TOTAL	4850		110.29
Bhubaneswar	Khurda	7600	3.34	71.08
	Nayagarh	17200	1.26	60.68
	TOTAL	24800		131.76
Berhampur	Phulbani	5000	9.12	127.68
	Baliguda	10000	6.30	176.40
	Boudh	5000	3.75	52.50
	Gh.South	3900	1.33	14.52
	Gh.North	2600	1.33	9.68
	Berhampur	1050	1.95	5.73
	Parlakhemundi	3000	3.34	28.06
	TOTAL	30550		414.58
Sambalpur	Jharsuguda	900	3.76	9.48
	Sambalpur	4000	4.36	48.83
	Rairakhol	3600	4.91	49.49
	Bargarh	1300	1.26	4.59
	Bamara WL	7950	3.58	79.69
	TOTAL	17750		192.08
Rourkela	Sundargarh	4400	2.1	25.87
	Bonai	10000	1.9	53.20
	Deogarh	13500	0.75	28.35
	TOTAL	27900		107.42
Bhawanipatna	Kalahandi(N)	18800	5.95	313.21
	Kalahandi (S)	1000	6.57	18.40
	Subarnapur	700	4.36	8.55
	Bolangir	3700	2.29	23.72
	Khariar	2950	1.15	9.50
	TOTAL	27150		373.37
Koraput	Rayagada	10500	2.53	74.38
	Koraput	5700	1.35	21.55
	Jeypore	4850	4.88	66.27
	Malkangiri	8550	5.6	134.06
	TOTAL	29600		296.26
G.TOTAL		162600		1625.76

(58)

Table 6.1
List of Vulnerable Sites Where protection Squads Are Deployed

Sl. No.	Division	Range	Vulnerable Site
1	Athagarh	Narsinghpur	Balikiari
2	Athamallik	Dhandatopa	Korab
3	Bamra WL	Badrama	Badrama
4	Baripada	Kaptipada	Podadiha
5	Baripada	Bangriposi	Bangriposi
6	Berhampur	Khallikote	Sumandal
7	Bolangir	Kantabanji	Kantabanji
8	Bonai	Koida	Koida
9	Bonai	Sole	Sole
10	Boudh	Manmunda	Gundurua
11	Cuttack	Tomka	Tomka
12	Deogarh	Deogarh	Pradhanpat
13	Dhenkanal	Kamakshyanagar	Kamakshyanagar
14	Dhenkanal	Hindol	Dandiri
15	Ghumsur South	Soroda	Soroda
16	Jeypore	Boipariguda	Boipariguda
17	Kalahandi South	Biswanathpur	Musanal
18	Karanjia	Thakurmunda	Thakurmunda
19	Keonjhar	Barbil	Barbil
20	Keonjhar	Telkoi	Bimala
21	Keonjhar WL	Deogaon	Harichandanpur
22	Keonjhar WL	Anandapur	Gayalmunda
23	Khariar	Sinapali	Sinapali
24	Khordha	Ranapur	Ranapur
25	Khordha	Balugaon	Berbera
26	Khordha	Balugaon	Dhuanali
27	Nayagarh	Dasapalla	Dasapalla
28	Nayagarh	Panchrida	Panchrida
29	Parlakhemundi	Mohana	Mohana
30	Rourkela	Panposh	Talakudar
31	Sambalpur	Dhama	Dhama
32	Sundargarh	Hemgir	Daghora

(Signature)
18/9/20

Table-6.2
Division wise Engagement of 195 Para Forest protection squads

SI No	Name of Circle	Name of Divn	No of Squads	SI No	Name of Circle	Name of Divn	No of Squads	
1	Angul	Angul	3	20	Rourkela	Sundargarh	6	
2		Athamallik	3	21		Rourkela	6	
3		Dhenkanal	3	22		Bonai	6	
4		Athagarh	3	23		Deogarh	6	
5		Cuttack	6	24		Keonjhar	6	
6	Bhubaneswar	Khordha	3	25	Baripada	Baripada	6	
7		Nayagarh	6	26		Karanjia	6	
8		City Forest	3	27		Rairangpur	6	
9	Berhampur	Phulbani	6	28	Bhawanipatna	Kalahandi (N)	6	
10		Balliguda	6	29		Kalahandi (S)	6	
11		Boudh	3	30		Subarnapur	6	
12		Ghumsur (S)	6	31		Bolangir	6	
13		Ghumsur (N)	6	32		Khariar	6	
14		Parlakhemundi	6	33		Koraput	Rayagada	6
15		Berhampur	6	34			Koraput	6
16	Sambalpur	Jharsuguda	3	35	Jeypore		6	
17		Sambalpur	6	36	Nabarangpur		6	
18		Rairakhol	6	37	Malkangiri	6		
19		Bargarh	3					
						TOTAL	195	

Table-6.3

DETAILED EXPENDITURE REQUIRED FOR FIRE PROTECTION

Sl no.	Name of Division	No of Fire Fighting squad including vehicle @ Rs.6.00 lakhs/one		Fire line Maintenance in K.M @ Rs.0.028 lakhs/K.M		Logistic to the fire protection squad @ Rs.0.85 lakh/Sqd	Total
		Physical	Financial	Physical	Financial	Financial	Financial
1	Angul	6	36.00	100	2.80	5.10	43.90
2	Athamallik	5	30.00	300	8.40	4.25	42.65
3	Dhenkanal	8	48.00	300	8.40	6.80	63.20
4	Athagarh	5	30.00	200	5.60	4.25	39.85
5	Cuttack	3	18.00	100	2.80	2.55	23.35
6	Khordha	6	36.00	0	0.00	5.10	41.10
7	Nayagarh	7	42.00	300	8.40	5.95	56.35
8	City Forest	1	6.00	0	0.00	0.85	6.85
9	Phulbani	7	42.00	300	8.40	5.95	56.35
10	Balliguda	7	42.00	300	8.40	5.95	56.35
11	Boudh	5	30.00	200	5.60	4.25	39.85
12	Ghumsur South	5	30.00	300	8.40	4.25	42.65
13	Ghumsur North	5	30.00	200	5.60	4.25	39.85
14	Berhampur	4	24.00	200	5.60	3.40	33.00
15	Parlakhemundi	7	42.00	300	8.40	5.95	56.35
16	Jharsuguda	5	30.00	50	1.40	4.25	35.65
17	Sambalpur	5	30.00	200	5.60	4.25	39.85
18	Rairakhol	6	36.00	200	5.60	5.10	46.70
19	Bargarh	6	36.00	200	5.60	5.10	46.70
20	Sundargarh	6	36.00	200	5.60	5.10	46.70
21	Rourkela	6	36.00	200	5.60	5.10	46.70
22	Bonai	7	42.00	200	5.60	5.95	53.55
23	Deogarh	5	30.00	200	5.60	4.25	39.85
24	Keonjhar	7	42.00	300	8.40	5.95	56.35
25	Baripada	8	48.00	100	2.80	6.80	57.60
26	Karanjia	6	36.00	200	5.60	5.10	46.70
27	Rairangpur	5	30.00	100	2.80	4.25	37.05
28	Kalahandi North	5	30.00	300	8.40	4.25	42.65
29	Kalahandi South	7	42.00	300	8.40	5.95	56.35
30	Subarnapur	4	24.00	200	5.60	3.40	33.00
31	Bolangir	11	66.00	300	8.40	9.35	83.75
32	Khariar	5	30.00	300	8.40	4.25	42.65
33	Rayagada	7	42.00	200	5.60	5.95	53.55
34	Koraput	6	36.00	300	8.40	5.10	49.50
35	Jeypore	6	36.00	250	7.00	5.10	48.10
36	Nabarangpur	6	36.00	300	8.40	5.10	49.50
37	Malkangiri	6	36.00	300	8.40	5.10	49.50
	Total	216	1296.00	8000	224.00	183.60	1703.60

TABLE-7. 1

STATE CAMPA ANNUAL PLAN OF OPERATION 2019-20 (WILDLIFE MANAGEMENT)

Sl. No.	Item of Work	Unit	Unit cost Rs. in lakh)	Quantity/Unit (in No.)	Proposed Amount (Rs. In Lakh)
(1)	(2)	(3)	4	(5)	(6)
1	Protection Activities	—	—		
(i)	Wildlife protection Squads.	Nos.	17.94	90	1614.60
(ii)	Mobility for Boats for patrolling/anti-depredation/anti-smuggling activities.	LS			80.00
(iii)	Search Seizure & Post-mortem of dead wild animals	LS			40.00
(iv)	Management of Protection Coordination Cell	Nos.	6.45	15	96.75
(v)	Strengthening of wildlife crime cell, Elephant cell etc. at WL HQ. and in Crime branch of the state			1	14.76
(vi)	Maintenance of Boundary of protected Areas	LS			80.00
	Total (1):-				1926.11
2	Forest Fire Prevention and Control operations	—	—		
(i)	Fire-fighting Squads	Nos.	5.9	41	241.90
(ii)	Fire-fighting equipments including Blowers	Nos.	0.61	152	92.72
(iii)	Training to fire-fighting squads	Nos.	0.15	11	1.65
(iv)	Personel Logistics for the fire fighting squads	Nos.	0.85	41	34.85
(v)	Fire line Creation & maintenance	KM	0.028	7250	203.00
	Total (2):				574.120
3	Anti-depredation Activities	—	—		
(i)	Anti-depredation Squads	Nos.	17.94	84	1506.960
(ii)	Engagement of Tracker	Nos.	2.78	90	250.200
(iii)	Anti-depredation equipments/Tracking devices	LS			100.00
(iv)	Compassionate Payment	LS			110.00
(v)	Fencing and Erection of barriers, Round Rubble Wall, Solar Fencing, trench etc. including maintenance.	LS			900.00
(vi)	Implementation of Elephant-Train collision mitigation plan	LS		3	18.00
	Total (3):				2885.160

4	Voluntary Relocation of Villages from Protected Areas and Tiger reserves	Nos.		2	1571.00
	Total (4):				1571.00
5	Habitat Improvement	—	—		
(i)	Creation of water body (40m x 30m x 3m)	Nos.	5.60	81	453.60
(ii)	Maintenance of Water Body created during previous years.	Nos.	0.91	188	171.08
(iii)	Plantation of Fruit Bearing and Fodder species around water bodies and maintenance thereof.	Plant in Nos	0.00474	11750	55.695
(iv)	Second year maintenance of plantation of Fruit & Fodder species around water bodies	Plant in Nos	0.00204	11650	23.766
(v)	Third year maintenance of fruit & Fodder species around water bodies.	Plant in Nos	0.00161	5250	8.453
(vi)	Third year maintenance of Plantation of fruit bearing forestry species.	Plant in Nos	0.00161	978	1.57458
(vii)	Fodder block plantation & its maintenance	Ha	0.57864	50	28.932
(viii)	Second year maintenance of fodder block plantation	Ha	0.15184	17	2.58128
(ix)	Third year maintenance of Fodder & block plantation.	Ha	0.1088	30	3.264
(x)	Rejuvenation of Wildlife corridor	Ha	0.57864	6	3.47184
(xi)	Third year maintenance of plantation taken up under rejuvenation of wildlife corridors	Ha	0.1088	30	3.264
(xii)	Creation and maintenance of salt licks.	Nos.	0.5	50	25.00
(xiii)	Immunisation of cattle.	LS			30.00
(xiv)	Invasive weed eradication.	Ha	0.084	3731	313.4
(xv)	Meadow development.	Ha	0.49	692	339.08
(xvi)	Black Buck Conservation	Nos.	LS	4	70.35
(xvii)	Any Others		LS	17	14.22
	Total (5):				1547.73
6	SMC in Wildlife Habitat	—	—		
(i)	LBCD	Cum	0.0638	2575	164.285
(ii)	Staggard trench	Ha.	0.168	1185	199.08
(iii)	Percolation Pit.	Ha.	0.1792	600	107.52
	Total (6):				470.885

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7	Implementation of Action Plan for Soil Moisture Conservation Measures	Nos.	10.00	10	100.00
	Total (7):				100.00
8	Establishment, operation and maintenance of animal rescue centre and veterinary treatment facilities for wild animals:				
(i)	Maintenance of Nandankanan WLS & Biological park & Other Rescue Centre.	LS		8	320.00
(ii)	Maintenance of Nandankanan Zoos hospital	LS		1	15.00
(iii)	Establishment of Rescue Centre and Veterinary treatment facilities.	LS		8	118.00
(iv)	Maintenance of Rescue Centre	LS		5	18.50
	Total-(8):				471.50
9	Supply of wood-saving cooking appliances				
(i)	Distribution of fuel saving devices like Unnat chullas, Solar cookers/ lamps etc to the villagers around Protected Areas.		0.02	7094	141.88
	Total (9):				141.88
10	Management of biological diversity and biological resources				
(i)	Biodiversity Assessment of the Protected Areas.	LS		1	10.00
	Total (10):				10.00
	Grand Total				9698.39

TABLE-9. 1

Name of the Division	DETAILS OF INFRASTRUCTURE TO BE DEVELOPED IN DIFFERENT DIVISIONS													
	Maintenance of Forest Road (KM) @ Rs.0.50 lakhs/one		Culvert @ Rs.1.53 lakhs/one		Cause Way @ Rs.1.06 lakhs/one		Range Officer's Residence @ Rs.12.23 lakhs/one		Forester Quarter @ Rs.9.42 lakhs/one		Forest Guard Quarter @ Rs.6.84 lakhs/one		Maintenance of Permanent/ Mega Nursery & Rs.9.94 lakhs/one	
	Phy	Financial	Phy	Financial	Phy	Financial	Phy	Financial	Phy	Financial	Phy	Financial	Phy	Financial
Angul	20	10.00	2	3.06	4	4.24	1	12.23	4	37.68	5	34.2	1	9.94
Athmallik	40	20.00	6	9.18	14	14.84	0	0	1	9.42	3	20.52	1	9.94
Sarkosia WL	0	0.00	2	3.06	6	6.36	0	0	1	9.42	3	20.52	0	0.00
Dhenkanal	50	25.00	1	1.53	2	2.12	1	12.23	2	18.84	5	34.2	1	9.94
Athgarh	50	25.00	0	0	6	6.36	1	12.23	2	18.84	2	13.68	1	9.94
Cuttack	40	20.00	2	3.06	2	2.12	1	12.23	1	9.42	2	13.68	0	0.00
Mahanadi WL	20	10.00	4	6.12	2	2.12	0	0	0	0	0	0	0	0.00
Total-	220	110.00	17	26.01	36	38.16	4	48.92	11	103.62	20	136.8	4	39.76
Khurda	0	0.00	2	3.06	2	2.12	1	12.23	3	28.26	2	13.68	2	19.88
Puri WL	0	0.00	1	1.53	2	2.12	1	12.23	0	0	0	0	1	9.94
Rajnagar WL	0	0.00	0	0	0	0	0	0	1	9.42	2	13.68	0	0.00
Nayagarh	40	20.00	4	6.12	16	16.96	1	12.23	1	9.42	4	27.36	1	9.94
Chilika WL	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00
Chandaka WL	0	0.00	0	0	4	4.24	0	0	0	0	0	0	0	0.00
City Forests	0	0.00	0	0	0	0	0	0	2	18.84	3	20.52	0	0.00
Bhadrakh WL	0	0.00	0	0	0	0	0	0	0	0	0	0	0	0.00
Total-	40	20.00	7	10.71	24	25.44	3	36.69	7	65.94	11	75.24	4	39.76
Phulbani	20	10.00	0	0	0	0	0	0	1	9.42	2	13.68	0	0.00
Baliguda	50	25.00	0	0	8	8.48	1	12.23	3	28.26	5	34.2	1	9.94
Boudh	50	25.00	6	9.18	8	8.48	1	12.23	0	0	0	0	1	9.94
Gh.South	50	25.00	6	9.18	8	8.48	0	0	1	9.42	4	27.36	2	19.88
Gh.North	0	0.00	1	1.53	4	4.24	1	12.23	1	9.42	4	27.36	1	9.94



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Berhampur	0	0.00	0	0	0	0	0	0	0	0	1	12.23	1	9.42	3	20.52	1	9.94
Parlakhemundi	0	0.00	2	3.06	4	4.24	1	12.23	2	18.84	3	20.52	1	18.84	3	20.52	1	9.94
Total-	170	85.00	15	22.95	32	33.92	5	61.15	9	84.78	21	143.64	7	69.58				
Jharsuguda	0	0.00	0	0	0	0	0	0	0	0	2	13.68	1	0	2	13.68	1	9.94
Sambalpur	40	20.00	2	3.06	2	2.12	1	12.23	2	18.84	2	13.68	1	18.84	2	13.68	1	9.94
Rairakhol	40	20.00	4	6.12	8	8.48	0	0	1	9.42	0	0	1	9.42	4	27.36	1	9.94
Bargarh	40	20.00	4	6.12	8	8.48	1	12.23	1	9.42	4	27.36	1	9.42	4	27.36	1	9.94
Bamara WL	0	0.00	2	3.06	4	4.24	0	0	1	9.42	2	13.68	0	9.42	2	13.68	0	0.00
Hirakhud WL	0	0.00	0	0	0	0	1	12.23	0	0	0	0	0	0	0	0	0	0.00
Total-	120	60.00	12	18.36	22	23.32	3	36.69	5	47.10	10	68.40	4	39.76				
Sundargarh	0	0.00	2	3.06	1	1.06	1	12.23	1	9.42	3	20.52	1	9.42	3	20.52	1	9.94
Rourkela	40	20.00	6	9.18	6	6.36	1	12.23	2	18.84	8	54.72	1	18.84	8	54.72	1	9.94
Bonai	20	10.00	2	3.06	4	4.24	0	0	2	18.84	10	68.40	1	18.84	10	68.40	1	9.94
Deogarh	40	20.00	6	9.18	4	4.24	1	12.23	2	18.84	8	54.72	1	18.84	8	54.72	1	9.94
Keonjhar	50	25.00	6	9.18	6	6.36	0	0	1	9.42	8	54.72	1	9.42	8	54.72	1	9.94
Total-	150	75.00	22	33.66	21	22.26	3	36.69	8	75.36	37	253.08	5	49.70				
Baripada	0	0.00	6	9.18	2	2.12	1	12.23	2	18.84	7	47.88	1	18.84	7	47.88	1	9.94
Karanja	40	20.00	2	3.06	8	8.48	0	0	2	18.84	7	47.88	1	18.84	7	47.88	1	9.94
Rairangpur	40	20.00	6	9.18	12	12.72	1	12.23	2	18.84	3	20.52	1	18.84	3	20.52	1	9.94
Balasore WL	30	15.00	0	0	4	4.24	0	0	2	18.84	3	20.52	0	18.84	3	20.52	0	0.00
STR	0	0.00	0	0	0	0	1	12.23	1	9.42	3	20.52	0	9.42	3	20.52	0	0.00
Keonjhar WL	0	0.00	2	3.06	1	1.06	0	0	1	9.42	1	6.84	0	9.42	1	6.84	0	0.00
Total-	110	55.00	16	24.48	27	28.62	3	36.69	10	94.2	24	164.16	3	29.82				
Kalahandi (N)	5	2.50	2	3.06	8	8.48	1	12.23	3	28.26	15	102.60	1	28.26	15	102.60	1	9.94
Kalahandi (S)	5	2.50	2	3.06	6	6.36	1	12.23	3	28.26	2	13.68	1	28.26	2	13.68	1	9.94
Subarnapur	10	5.00	0	0	2	2.12	0	0	0	0	0	0.00	1	0	0	0.00	1	9.94
Bolangir	40	20.00	6	9.18	8	8.48	0	0	2	18.84	12	82.08	1	18.84	12	82.08	1	9.94
Khariar	35	17.50	2	3.06	2	2.12	0	0	2	18.84	9	61.56	1	18.84	9	61.56	1	9.94
Sunabeda WL	0	0.00	12	18.36	20	21.2	1	12.23	1	9.42	2	13.68	0	9.42	2	13.68	0	0.00

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Total-	95	47.50	24	36.72	46	48.76	3	36.69	11	103.62	40	273.60	5	49.70
Rayagada	40	20.00	12	18.36	10	10.6	1	12.23	2	18.84	13	88.92	1	9.94
Koraput	40	20.00	4	6.12	4	4.24	1	12.23	2	18.84	4	27.36	1	9.94
Jeypore	0	0.00	0	0	0	0	0	0	2	18.84	3	20.52	1	9.94
Nowrangpur	15	7.50	4	6.12	8	8.48	1	12.23	2	18.84	9	61.56	1	9.94
Malkangiri	0	0.00	4	6.12	4	4.24	1	12.23	1	9.42	0	0.00	1	9.94
Total-	95	47.50	24	36.72	26	27.56	4	48.92	9	84.78	29	198.36	5	49.70
DFT Angul	0	0.00	0	0	0	0	0	0	1	9.42	2	13.68	0	0.00
TS Champua	0	0.00	0	0	0	0	1	12.23	0	0	0	0	0	0.00
TS G.Udayagiri	0	0.00	0	0	0	0	1	12.23	0	0	0	0	0	0.00
silv.BBSR	0	0.00	0	0	0	0	0	0	2	18.84	3	20.52	1	9.94
Silva Rayagada	0	0.00	0	0	0	0	0	0	2	18.84	3	20.52	1	9.94
Total-	0	0	0	0	0	0	2	24.46	5	47.1	8	54.72	2	19.88
Grand Total-	1000	500.00	137	209.61	234	248.04	30	366.9	75	706.5	200	1368.00	39	387.66

TABLE- 9. 2

DETAILS OF COST INVOLVED IN PATROLLING IN 282 RANGES

Name of Division	Hiring vehicle for 212 Ranges Ranges @ Rs.2.40 for hiring charge and 1.20 lakhs for POL total Rs.3.60lakhs/range		wages of Driver in 70 ranges Rs.2.12 lakhs+Rs.1.20 lakhs for POL=Rs.3.32 lakhs/Range		Total Fund Requirement (Rs. Lakhs)
	No of Ranges	Financial Requirement in Rs. Lakhs	No of Ranges	Financial Requirement	
Angul	5	18.00	1	3.32	21.32
Athmallik	2	7.20	3	9.96	17.16
Satkosia WL	3	10.80	2	6.64	17.44
Dhenkanal	6	21.60	2	6.64	28.24
Athagarh	4	14.40	1	3.32	17.72
Cuttack	5	18.00	1	3.32	21.32
Mahanadi WL	2	7.20	2	6.64	13.84
TOTAL	27	97.20	12	39.84	137.04
Khurda	6	21.60	0	0.00	21.60
Puri WL	5	18.00	0	0.00	18.00
Rajnagar WL	4	14.40	1	3.32	17.72
Nayagarh	6	21.60	1	3.32	24.92
Chilika WL	4	14.40	1	3.32	17.72
Chandaka WL	3	10.80	1	3.32	14.12
City Forests	4	14.40	0	0.00	14.40
Bhadrakh WL	3	10.80	1	3.32	14.12
TOTAL	35	126.00	5	16.60	142.60
Phulbani	5	18.00	2	6.64	24.64
Baliguda	5	18.00	2	6.64	24.64
Boudh	3	10.80	2	6.64	17.44
Gh.South	4	14.40	1	3.32	17.72
Gh.North	3	10.80	2	6.64	17.44
Berhampur	3	10.80	1	3.32	14.12
Parlakhemundi	5	18.00	2	6.64	24.64
TOTAL	28	100.80	12	39.84	140.64
Jharsuguda	4	14.40	1	3.32	17.72
Sambalpur	5	18.00	0	0.00	18.00
Rairakhol	5	18.00	1	3.32	21.32
Bargarh	5	18.00	1	3.32	21.32
Bamara WL	4	14.40	1	3.32	17.72
Hirakhud WL	2	7.20	2	6.64	13.84
TOTAL	25	90.00	6	19.92	109.92
Sundargarh	5	18.00	1	3.32	21.32
Rourkela	5	18.00	1	3.32	21.32
Bonai	6	21.60	1	3.32	24.92
Deogarh	4	14.40	1	3.32	17.72

ODISHA STATE CAMPA

RSD (G)

Keonjhar	6	21.60	1	3.32	24.92
TOTAL	26	93.60	5	16.60	110.20
Baripada	6	21.60	2	6.64	28.24
Karanjia	4	14.40	2	6.64	21.04
Rairangpur	3	10.80	2	6.64	17.44
Balasore WL	4	14.40	1	3.32	17.72
Keonjhar WL	3	10.80	1	3.32	14.12
STR	5	18.00	2	6.64	24.64
TOTAL	25	90.00	10	33.20	123.20
•Kalahandi(N)	4	14.40	1	3.32	17.72
Kalahandi (S)	5	18.00	2	6.64	24.64
Subarnapur	3	10.80	1	3.32	14.12
Bolangir	8	28.80	3	9.96	38.76
Khariar	4	14.40	1	3.32	17.72
Sunabeda WL	3	10.80	0	0.00	10.80
TOTAL	27	97.20	8	26.56	123.76
Rayagada	4	14.40	3	9.96	24.36
Koraput	4	14.40	2	6.64	21.04
Jeypore	4	14.40	2	6.64	21.04
Nabarangpur	4	14.40	2	6.64	21.04
Malkangiri	3	10.80	3	9.96	20.76
TOTAL	19	68.40	12	39.84	108.24
G.TOTAL	212	763.20	70	232.40	995.60

TABLE- 10. 1
DIVISION WISE DETAILS OF RESEARCH ACTIVITY

SI No.	Name of the Item	Silva Bhubaneswar	Silva Raygada	Total
1	Maintenance of Plus trees (old)	0.00	0.50	0.50
2	Production of QPM	30.00	15.00	45.00
3	Collection of Quality Seeds	4.50	1.60	6.10
4	Maintenance of Hi-Tech Nursery and Other Nursery	6.00	10.00	16.00
5	Ex-situ Conservation of Mesua Ferrea	0.20	0.00	0.20
6	Maintenance of Santalum album Plantation with host species	0.00	0.50	0.50
7	Security & maintenance of Research Station	15.00	5.00	20.00
8	Weeding, cleaning, punning measure and sample collection etc	10.00	3.00	13.00
9	2nd year maintenace of seed stand 10 medicinal plants	0.00	0.50	0.50
10	Tube well	4.50	2.70	7.20
11	Maintenance of sample plots in RT seedling plantations	0.00	1.20	1.20
12	Boundary wall (1000 mt)	20.00	20.00	40.00
13	Transporation works	5.10	3.00	8.10
14	preparation of Plan and monitoring personnel	4.30	6.00	10.30
15	Creation of new research plots of RET seedlings	20.00	10.00	30.00
16	Maintenance of RET plantation (1st yr)	0.40	0.00	0.40
17	Maintenance of different SPA plots	0.00	1.00	1.00
	TOTAL	120.00	80.00	200.00
	New project on NTFP sustainable management in Tribal areas	-	-	50.00
	Grand Total			250.00

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ANNEXURES

PART-II

CAMPA APO 2019-20

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Annexure I-I
Constitution of State CAMPA Authority

GOVERNMENT OF ODISHA
FOREST AND ENVIRONMENT DEPARTMENT

NOTIFICATION

RECEIVED
GOVERNMENT OF ODISHA
03/09/2018
31017
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No.22572400052018 / No. 10F (Cons)-158/2018 - 21066 /F&E., dated. 29.09.18

Government of India, Ministry of Law and Justice (Legislative Department) have published Gazette Notification dt. 3.8.2016 regarding promulgation of "THE COMPENSATORY AFFORESTATION FUND ACT, 2016".

Subsequently, the Government of India, MoEF&CC have notified the "Compensatory Afforestation Fund Rules, 2018" on 10.8.2018 to implement the provisions of "Compensatory Afforestation Fund Act, 2016" from the appointed date i.e. 30.9.2018 which has been published in the Gazette of India dt.13.8.2018.

In accordance to the provision of Sub-section (1) of Section 10 of the Compensatory Afforestation Fund Act, 2016, Government of India, MoEF&CC vide their Notification dt. 14.9.2018 have also appointed the 30th day of September, 2018 as the date of constitution of "State Compensatory Afforestation Fund Management and Planning Authority" in respective States and UTs.

Pursuant to provision of Section 10(1) of the Compensatory Afforestation Fund Act, 2016 and keeping in view of above notification dt. 14.9.2018 of GoI, MoEF&CC, the State Government hereby constitute the "Compensatory Afforestation Fund Management and Planning Authority, Odisha" (in short State Authority), who shall be responsible for the management of the State Compensatory Afforestation Fund, Odisha (in short State Fund) under Public Account to be constituted under the provisions of Section 4(1) of the Compensatory Afforestation Fund Act, 2016 and utilization of such funds as may be credited to it as per provision of Section 4(3) and 4(4) of the Compensatory Afforestation Fund Act, 2016. The State Authority shall have a Governing Body and shall be assisted by a Steering Committee and Executive Committee.

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CAMPA
PR Spear
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As per provisions of Section 10(5) of Compensatory Afforestation Fund Act, 2016, the **Governing Body** of the "Compensatory Afforestation Fund Management and Planning Authority, Odisha" shall consist of the following namely:-

(i)	Chief Minister, Odisha	: Ex-officio chairperson
(ii)	Minister, Forest	: Ex-Officio Member
(iii)	Chief Secretary, Odisha	: Ex-Officio Member
(iv)	Secretary/Principal Secretary/Addl. Chief Secretary, Forest & Environment Department	: Ex-Officio Member & Member Secretary
(v)	Secretary/Principal Secretary/Addl. Chief Secretary, Finance Department	: Ex-Officio Member
(vi)	Secretary/Principal Secretary/Addl. Chief Secretary, Planning & Convergence Department	: Ex-Officio Member
(vii)	Secretary/Principal Secretary/Addl. Chief Secretary, Rural Development Department	: Ex-Officio Member
(viii)	Secretary/Principal Secretary/Addl. Chief Secretary, Revenue & Disaster Management Department	: Ex-Officio Member
(ix)	Secretary/Principal Secretary/Addl. Chief Secretary, Agriculture & Farmers Empowerment Department	: Ex-Officio Member
(x)	Secretary/Principal Secretary/Addl. Chief Secretary, ST&SC Development Department	: Ex-Officio Member
(xi)	Secretary/Principal Secretary/Addl. Chief Secretary, Panchayati Raj & Drinking Water Department:	: Ex-Officio Member
(xii)	Secretary/Principal Secretary/Addl. Chief Secretary, Science & Technology Department:	: Ex-Officio Member
(xiii)	Principal Chief Conservator of Forests & HoFF, Odisha	: Ex-Officio Member
(xiv)	Pr. CCF(Wildlife) & CWLW, Odisha	: Ex-Officio Member
(xv)	An officer not below the rank of Chief Conservator of Forests to be nominated as Chief Executive Officer of the State Authority	: Ex-Officio Member

As per provision of Section 11(1) of the Compensatory Afforestation Fund Act, 2016, the Governing Body of the State Authority in performing its functions and powers under the Act, shall be assisted by the Steering Committee and Executive Committee of State Authority.

Powers and functions of the State Authority as per provision of Section 17 of CAF Act, 2018

The Governing Body of the State Authority shall perform the following;

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- (i) Shall lay down the broad policy framework for the functioning of the State Authority within the overall framework notified by the Central Government on the recommendation of the National Authority.
- (ii) Shall review the working of the State Authority from time to time.
- (iii) Shall meet at least once in six months.

As per provision of the Section 11(2) of the Compensatory Afforestation Fund Act, 2016, the **Steering Committee** of the State Authority shall consist of the following, namely:

(i)	Chief Secretary, Odisha	: Ex-Officio Chairperson
(ii)	Secretary/Principal Secretary/Addl. Chief Secretary, Forest & Environment Department	: Ex-Officio Member
(iii)	Secretary/Principal Secretary/Addl. Chief Secretary, Finance Department	: Ex-Officio Member
(iv)	Secretary/Principal Secretary/Addl. Chief Secretary, Planning & Convergence Department	: Ex-Officio Member
(v)	Secretary/Principal Secretary/Addl. Chief Secretary, Rural Development Department	: Ex-Officio Member
(vi)	Secretary/Principal Secretary/Addl. Chief Secretary, Revenue & Disaster Management Department	: Ex-Officio Member
(vii)	Secretary/Principal Secretary/Addl. Chief Secretary, Agriculture & Farmers Empowerment Department	: Ex-Officio Member
(viii)	Secretary/Principal Secretary/Addl. Chief Secretary, ST&SC Development Department	: Ex-Officio Member
(ix)	Secretary/Principal Secretary/Addl. Chief Secretary, Panchayati Raj & Drinking Water Department:	: Ex-Officio Member
(x)	Secretary/Principal Secretary/Addl. Chief Secretary, Science & Technology Department:	: Ex-Officio Member
(xi)	Principal Chief Conservator of Forests & HoFF, Odisha	: Ex-Officio Member
(xii)	Pr. CCF(Wildlife) & CWLW, Odisha	: Ex-Officio Member
(xiii)	Addl. PCCF(Forest Diversion) & Nodal Officer, FC Act/Chief Conservator of Forests(Forest Diversion) & Nodal Officer, FC Act	: Ex-Officio Member
(xiv)	Addl. PCCF(Central)/CCF(Central), Eastern Regional office, MoEF&CC, Government of India	: Ex-Officio Member
(xv)	Member Secretary, State Forest Development Agency	: Ex-Officio Member

(xvi)	An expert on tribal matters or a representative of tribal communities to be appointed by the State Government	: Member
(xix)	Chief Executive Officer of the State Authority	: Member Secretary

Powers and Functions of the Steering Committee of the State Authority

As per provision of Section 18 of Compensatory Afforestation Fund Act, 2016, the Steering Committee of the State Authority shall;

- (i) Scrutinize and approve with such amendments as it may deem fit and proper the Annual Plan of Operations prepared by the Executive Committee of the State Authority and send the same to the Executive Committee of National Compensatory Afforestation Fund Management and Planning Authority (in short National Authority) for final approval
- (ii) Monitor the progress of the utilization of funds released from the State Fund
- (iii) Review reports on the decisions taken by Executive Committee including investment decisions
- (iv) Approve, subject to prior concurrence of the State Government, proposals formulated by the Executive Committee for creation of posts in the State Authority
- (v) Approve the Annual Report of the State Authority and send the same to the State Government to lay it, each year, in the State Legislature.
- (vi) Ensure inter-departmental coordination;
- (vii) Shall meet at least once in every three months.

As per provision of the Section 11(3) of the Compensatory Afforestation Fund Act, 2016, the Executive Committee of the State Authority shall consist of the following, namely;

(i)	Principal Chief Conservator of Forests & HoFF, Odisha	: Ex-Officio Chairperson
(ii)	Pr. CCF(Wildlife) & CWLW, Odisha	: Ex-Officio Member
(iii)	APCCF/CCF(Plan, Programme & Afforestation)	: Ex-Officio Member

(iv)	APCCF/CCF(Training & Development)	: Ex-Officio Member
(vii)	Member Secretary, State Forest Development Agency	: Ex-Officio Member
(viii)	A representative of Forest & Environment Department	: Ex-Officio Member
(ix)	A representative of Finance Department	: Ex-Officio Member
(x)	A representative of Planning & Convergence Department	: Ex-Officio Member
(xi)	A representative of Rural Development Department	: Ex-Officio Member
(xii)	A representative of Revenue & Disaster Management Department	: Ex-Officio Member
(xiii)	A representative of Agriculture & Farmers Empowerment Department	: Ex-Officio Member
(xiv)	A representative of ST &SC Development Department	: Ex-Officio Member
(xv)	A representative of Panchayati Raj and Drinking Water Department	: Ex-Officio Member
(xvi)	A representative of Science & Technology Department	: Ex-Officio Member
(xvii)	Financial Controller or Financial Adviser to be nominated by the Finance Department	: Ex-Officio Member
(xviii)	Two eminent Non-Government Organizations to be appointed by the State Government	: Members
(xix)	Two representatives of district level Panchayati Raj Institutions to be appointed by State Government	: Members
(xx)	An expert on tribal matter or a representative of tribal community to be appointed by the State Government	: Member
(xi)	Chief Executive Officer, State Authority	: Member-Secretary

Powers and Functions of the Executive Committee of the State Authority

As per provision of Section 19 of Compensatory Afforestation Fund Act, 2016, the Executive Committee of the State Authority shall;

- (i) Formulate and submit Annual Plan of Operations to the Steering Committee of the State Authority for its concurrence.
- (ii) Undertake qualitative and quantitative supervision, monitoring and evaluation of the works being implemented from the amounts available in the State Fund
- (iii) Invest surplus amounts available in the State Fund
- (iv) Maintain books of account and other records

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- (v) Submit reports to the Steering Committee of the State Authority
- (vi) Prepare Annual Report of the State Authority
- (vii) Deploy staff on contractual basis or on deputation to the posts of State Authority
- (viii) Formulate proposals for creation of posts in the State Authority
- (ix) Be responsible for delegation of financial or administrative powers
- (x) Be responsible for other day-to-day working in respect of the State Authority
- (xi) Maintain and update public information system on the State Authority and present all information on its transaction in the public domain
- (xii) Undertake any other work as may be assigned by the Governing Body or Steering Committee of the State Authority or the State Government from time to time
- (xiii) Shall meet at least once in every three months.

This notification supersedes the earlier Notification of this Department issued vide No.10F(Cons) 41/07(Pt-III)- 13995/F&E dated 14.8.2009 in the matter of constituting the "State Compensatory Afforestation Fund Management and Planning Authority, Orissa". Consequently the Notifications dt. 24.5.2010, 14.3.2011, 1.10.2011, 27.7.2013, 6.2.2016 and 9.8.2018 of F&E Department in the matter of constituting/re-constituting of Steering Committee and Executive Committee of State-CAMPA also stand invalid.

Ordered that the Notification be published in an extraordinary issue of the Odisha Gazette.

By order of the Governor

(S.C. Mahapatra)
29/9/2018
Addl. Chief Secretary to Government

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By e-mail: deputydirectorpp@rediffmail.com

Memo No. 21067 /F&E Date 29.09.18

Copy forwarded to the Director of Printing, Stationary and Publication, Odisha, Cuttack for publication in an extra ordinary issue of the Odisha Gazette and supply 300 copies of printed notification to this department early.

The Notification is statutory and may be assigned S.R.O number.

Memo No. 21068 /F&E Dated: 29.09.18

Copy forwarded to the Secretary to H.E. the Governor of Odisha/ Hon'ble Chief Minister, Odisha/ Hon'ble Minister, Forest & Environment for kind information of H.E. Governor, Odisha/ Hon'ble Chief Minister/Hon'ble Minister, Forest & Environment, Odisha.

Special Secretary to Government

Memo No. 21069 /F&E Date 29.09.18

Copy forwarded to the Deputy Inspector General of Forests, Govt. of India, Ministry of Environment and Forest and Climate Change (F.C. Division) Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Additional Principal Chief Conservator of Forests (Central) Govt. of India, MoEF&CC, Eastern Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

Special Secretary to Government.

Memo No. 21070 /F&E Dated: 29.09.18

Copy forwarded to Private Secretary to the Chief Secretary, Odisha/Development Commissioner-cum-Addl. Chief Secretary Planning & Convergence Department/Addl. Chief Secretary, Finance Department/Addl. Chief Secretary, Forest & Environment Department/Principal Secretary to Government, Rural Development Department/Principal Secretary to Government, R&DM Department/Principal Secretary to Government, Agriculture & F.E Department/Principal Secretary to Government, ST & SC Development Department/Principal Secretary to Government, Panchayatiraj & DW Department/Principal Secretary to Government, Science & Technology Department for kind information of Chief Secretary, Odisha/Development Commissioner-cum-Addl. Chief Secretary, Planning & Convergence Department/Addl. Chief Secretary, Finance Department/Addl. Chief Secretary, Forest & Environment Department/Principal Secretary to Government, Rural Development Department/Principal Secretary to Government, R&DM Department/Principal Secretary to Government, Agriculture & F.E Department/Principal Secretary to Government, ST & SC Development Department/Principal Secretary to Government, Panchayatiraj & DW Department/Principal Secretary to Government, Science & Technology Department.

Special Secretary to Government.

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Memo No. 21071 /F&E Dated: 29.09.18
Copy forwarded to all Departments/Accountant General(A&E), Odisha Bhubaneswar/All R.D.Cs/ All Collectors for information and necessary action.

[Signature]
29/9/18

Memo No. 21072 /F&E Dated: 29.09.18 Special Secretary to Government.
Copy forwarded to the Principal Chief Conservator of Forests, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests (Wildlife) & CWLW, Odisha Bhubaneswar/ Addl. Principal Chief Conservator of Forests(Forest Diversion) & Nodal Officer, FC Act, O/O PCCF, Odisha/ Member Secretary, State Forest Development Agency/ APCCF(Plan, Programme & Afforestation)/ APCCF(Training & Development)/ All Regional Chief Conservator of Forests/ All Addl. PCCFs/ All Divisional Forest Officers (Territorial & WL) Forest Divisions for information and necessary action. / 10 spare copies for Guard File.

[Signature]
29/9/18

Memo No. 21073/F&E Date 29.09.18 Special Secretary to Government.
Copy forwarded to the OIC, State Portal, NIC, IT Department, Odisha Secretariat, Bhubaneswar/ M/s Luminous Infoways Pvt. Ltd., Sadhana, N-6/373, Nayapalli, Jayadev Vihar, Bhubaneswar-15 for information and necessary action/ 5 spare copies for Guard file.

[Signature]
29/9/18

Memo No. 21074 /F&E Date 29.09.18 Special Secretary to Government.
Copy forwarded to the Under Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/ F&E dtd.22.11.2016.

[Signature]
29/9/18

Special Secretary to Government

Annexure I-II

Notification of Heads of Account

GOVERNMENT OF ODISHA
FOREST & ENVIRONMENT DEPARTMENT

NOTIFICATION

No. 10F (Cons)-158/2018 - 6451 F&E Date 29/3/19

In accordance to the provision of Sub-section (1) of Section 4 of the Compensatory Afforestation Fund Act, 2016, the State Government is required to establish a special fund called "State Compensatory Afforestation Fund, Odisha" with effect from the appointed date, by a notification in the official Gazette under Public Accounts of the Odisha. MoEF&CC, GoI vide their communication F.No.11-100/2015-FC (Vol.III) dt.16.8.2018, had communicated that the State Compensatory Fund (State Fund) as per above provision of the Act shall be effective after 30th September, 2018 as per provisions of the CAF, Act, 2016 and CAF Rules, 2018. The Compensatory Afforestation Fund Management and Planning Authority, Odisha", already been constituted by the State Government vide Notification No. 21066/F&E dt.29.9.2018 shall be responsible for the management of the State Compensatory Afforestation Fund, Odisha (in short State Fund) and utilization of such funds as may be credited to it as per provision of Section 4(3) and 4(4) of the Compensatory Afforestation Fund Act, 2016.

The State Government have established a special fund called "State Compensatory Afforestation Fund, Odisha" (in short State Fund) vide Forest & Environment Department, Government of Odisha, Notification No.21088/F&E dt.29.09.2018.

Subsequently Government of India, MoEF&CC vide letter F.No.11-100/2015-FC (Vol.III) dt.28.01.2019 have revised schedule-1 of the Accounting Procedure for Compensatory Afforestation Fund. Basing on the letter of GoI, MoEF&CC the file was endorsed to Finance Department for revision of the Sub-Head & incorporate of the same in this Accounting Procedure.

The State Finance Department have already communicated with Principal Accountant General (A&E), Odisha vide their letter No.9643/F dt.16.03.2019 regarding approval of revised head of accounts created under the Major Heads 2406-Forestry & Wildlife, 8121-General and Other Reserve Funds and 8336-Civil Deposits for Management of State Compensatory Afforestation Fund (CAF).

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The existing and newly opened Head of Account under detailed Head is as follows:

Major Head	Sub Major Head	Minor Head	Existing detailed head	Revised detailed head
2406- Forestry & Wildlife	04- Afforestation & Ecological Development	103-State Compensatory Afforestation	91340- Block Plantation 91341- ANR Plantation 91342-Bald Hill Plantation 91343-Avenue Plantation 91344-Other Activities	91025- Compensatory Afforestation 91346- Catchment Area Treatment Plan 91347- Integrated Wildlife Management Plan 91348- Net Present Value of Forest land 91349-Interest 91350-Others

Similarly the State Finance Department have also informed the Principal Accountant General (A&E), Odisha vide their letter No.9643/F dt.16.03.2019 that some heads of Accounts, both in receipts and expenditure sides of the Public Account, have been opened newly under the Major Heads "8121-General and Other Reserve Funds" and "8336-Civil Deposits" (as detailed below) for smooth operation of the State Compensatory Afforestation Fund and sought for their approval in this context.

New Head of Accounts in Connection with the State Compensatory Afforestation Fund (SCAF)

Major Head	Sub Major Head	Minor Head	Existing detailed head	Revised detailed head
8121- General and Other Reserve Funds	00	129-State Compensatory Afforestation Funds (SCAF)	91340- Block Plantation 91341- ANR Plantation 91342-Bald Hill Plantation 91343-Avenue Plantation 91344-Other Activities	91025- Compensatory Afforestation 91346- Catchment Area Treatment Plan 91347- Integrated Wildlife Management Plan 91348- Net Present Value of Forest land 91349-Interest 91350-Others
8336-Civil Deposits	00	102-National Compensatory Afforestation Deposits	91340- Block Plantation 91341- ANR Plantation 91342-Bald Hill Plantation 91343-Avenue Plantation	91025- Compensatory Afforestation 91346- Catchment Area Treatment Plan 91347- Integrated

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			91344-Other Activities	Wildlife Management Plan 91348- Net Present Value of Forest land 91349-Interest 91350-Others
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The detailed operational guidelines /procedure pertaining to above Fund shall follow.

Ordered that the Notification be published in an extraordinary issue of the Odisha Gazette.

By order of the Governor

(S.C. Mahapatra)

Addl. Chief Secretary to Government

Memo No. 6452 /F&E Date 29/3/19

Copy forwarded to the Gazette Cell, Commerce & Transport (Commerce) Department for information and necessary action. They are requested to take steps for publication of the above notification in the extra ordinary issue of the Gazette and supply 100 copies of printed notification of the same to this department early.

29/3/19

Special Secretary to Government

Memo No. 6453 /F&E Dated: 29/3/19

Copy forwarded to the Secretary to H.E. the Governor of Odisha/ Hon'ble Chief Minister, Odisha/ Hon'ble Minister, Forest & Environment for kind information of H.E. Governor, Odisha/ Hon'ble Chief Minister/Hon'ble Minister, Forest & Environment, Odisha.

29/3/19

Special Secretary to Government

Memo No. 6454 /F&E Date 29/3/19

Copy forwarded to the Deputy Inspector General of Forests, Govt. of India, Ministry of Environment and Forest and Climate Change (F.C. Division) Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Additional Principal Chief Conservator of Forests (Central) Govt. of India, MoEF&CC, Eastern Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action.

29/3/19

Special Secretary to Government

Memo No. 6455 /F&E Date 29/3/19

Copy forwarded to the Principal Accountant General (A&E), Odisha for information and necessary action.

29/3/19

Special Secretary to Government

Memo No. 6456 /F&E Dated: 29/3/19

Copy forwarded to Private Secretary to the Chief Secretary, Odisha/Development Commissioner-cum-Addl. Chief Secretary Planning & Convergence Department/ Addl. Chief Secretary, Forest & Environment Department/ Principal Secretary, Finance Department for kind information of Chief Secretary, Odisha/Development Commissioner-cum-Addl. Chief Secretary, Planning & Convergence Department/ Addl. Chief Secretary, Forest & Environment Department/ Principal Secretary, Finance Department.

Special Secretary to Government

Memo No. 6457 /F&E Dated: 29/3/19

Copy forwarded to Director of Treasuries & Inspection, Odisha, Bhubaneswar /Financial Adviser-cum-Addl. Secretary to Government, F&E Department for information and necessary action.

Special Secretary to Government

Memo No. 6458 /F&E Dated: 29/3/19

Copy forwarded to All Collectors for information and necessary action.

Special Secretary to Government

Memo No. 6459 /F&E Dated: 29/3/19

Copy forwarded to the Principal Chief Conservator of Forests, Odisha, Bhubaneswar/ Principal Chief Conservator of Forests (Wildlife) & CWLW, Odisha Bhubaneswar/ Addl. Principal Chief Conservator of Forests (CAMPA), O/O PCCF, Odisha/ All Regional Chief Conservator of Forests/All Divisional Forest Officers (Territorial & WL) Forest Divisions for information and necessary action. / 10 spare copies for Guard File.

Special Secretary to Government

Memo No. 6460 /F&E Date 29/3/19

Copy forwarded to the OIC, State Portal, NIC, IT Department, Odisha Secretariat, Bhubaneswar/ M/s Luminous Infoways Pvt. Ltd., Sadhana, N-6/373, Nayapalli, Jayadev Vihar, Bhubaneswar-15 for information and necessary action/ 5 spare copies for Guard file.

Special Secretary to Government

Memo No. 6461 /F&E Date 29/3/19

Copy forwarded to the Under-Secretary to Government, Office Establishment Section, F&E Department for information and necessary action with reference to their letter No.21646/ F&E dtd.22.11.2016.

Special Secretary to Government

Annexure -I-III Financial Procedure for implementation of CAMPA

GOVERNMENT OF ODISHA
FOREST & ENVIRONMENT DEPARTMENT

NOTIFICATION

No. 10F (Cons)-158/2018 12/19 /F&E, Date 27-06-19

In accordance to the provision of Sub-section (1) of Section 4 of the Compensatory Afforestation Fund Act, 2016, the State Government is required to establish a special fund called "State Compensatory Afforestation Fund, Odisha" with effect from the appointed date, by a notification in the official Gazette under Public Accounts of the Odisha. MoEF&CC, GoI vide their communication F.No.11-100/2015-FC (Vol.III) dt.16.8.2018, had communicated that the State Compensatory Fund(State Fund) as per above provision of the Act shall be effective after 30th September, 2018 as per provisions of the CAF, Act, 2016 and CAF Rules, 2018. The Compensatory Afforestation Fund Management and Planning Authority, Odisha", has already been constituted by the State Government vide Notification No. 21066/F&E dt.29.9.2018 shall be responsible for the management of the State Compensatory Afforestation Fund, Odisha (in short State Fund) and utilization of such funds as may be credited to it as per provision of Section 4(3) and 4(4) of the Compensatory Afforestation Fund Act, 2016.

The State Government have established a special fund called "State Compensatory Afforestation Fund, Odisha" (in short State Fund) vide Forest & Environment Department, Government of Odisha, Notification No.21088/F&E dtd.29.09.2018. The State Authority i.e CAMPA, Odisha shall adopt financial regulation and procedures, in particular the procedure for drawing up and implementing its budget as envisaged in Govt. Notification no 10F(Con)-158/2018-6451/F&E dt.29.3.2019 in Forest & Environment Department.

The State Authority shall prepare its budget for the next financial year with its estimated receipts and expenditure and forward the same to Forest & Environment Department.

The State Authority shall prepare the Annual Plan of Operations (APOs) with the approval of its Steering Committee and formulate the State Scheme to operate the State Fund.

Financial Adviser of Forest & Environment Department shall maintain a broadsheet of receipts and payments from the State Fund and effect reconciliation on monthly basis with the State Authority.

The State Authority shall maintain proper accounts and other relevant records and prepare annual statement of accounts in such form as per the provision under Rule-14 of OGFR Vol.-I and produce the accounts and statements to Accountant General for audit and preparation of reports in terms of provision under Rule-16 of OGFR Vol.-I.

The State Authority shall furnish the monthly compiled accounts of receipts and withdrawals supported by vouchers of the said Head of Account to the Accountant General (A&E), Odisha in the

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format prescribed under Subsidiary Rule 479A of Odisha Treasury Code Volume-I. The Authority shall also furnish the statement of balances at the credit of the fund at the end of the year just closed and send it to the Treasury Officer for verification and its onward submission to the Accountant General (A & E), Odisha as required under Subsidiary Rule 479 of Odisha Treasury Code Volume-I.

The Comptroller and Auditor General of India have the power to conduct the audit including special audit or performance audit of the State Fund. The internal audit wing of the Forest & Environment Department shall also conduct audit at regular intervals of the State Fund.

The State Authority would manage proper release of funds to Implementing Officers (IOs), requesting the Finance Department in budgeting as per approved APO for the financial year, requesting the Finance Department on maintaining the funds in ATB or otherwise and to maintain proper accounts of State Authority. The Chief Executive Officer of State Authority would be authorized adequately for smooth functioning of the State Authority. Since this State Fund will be routed through the State Sector Scheme, the disbursal will be in IFMS mode as approved by Finance Department and concurred by AG Odisha.

The CEO would follow the procedure for drawing up and implementing its budget as envisaged in Govt. Notification no 10F(Con)-158/2018-6451/F&E dt.29.3.2019 in Forest & Environment Department or its subsequent amendments if any. The CEO would be the Controlling Officer for administrating the fund. The CEO will have access to the fund position on receipts from different sources every month and fund available with IOs. The State Authority will nominate the CEO as Controlling Officer for the State Fund and one Dy.CF rank officer in his office will be DDO.

Accounting Procedure of State Compensatory Afforestation Fund, Odisha (State Fund)

The expenditure to be incurred under State Fund, maintenance of book of accounts and submission of utilization certificate would be processed as per the rules and procedures of State Government as well as the procedure provided under Odisha Forest Department Code 1979. The funds as per the approved APO will be transferred to the DFO/IO through IFMS in treasury portal. The funds released from State Fund to different DFOs/IOs for execution of various projects shall be kept in a separate interest bearing flexi account of a Nationalised Bank and interest accrued from time to time shall be brought to the account and total interest accrued during the year shall be remitted to State Fund account at the close of each financial year. Similar procedure will be adopted for expenditure incurred in the State CAMPA authority.

The schemes approved under APOs shall be executed by different Divisional Forest Officers/other implementing offices/agencies under the supervision of Regional CCFs having jurisdiction. The PCCF&HOFF, as well as PCCF (Wildlife) will regularly monitor the implementation of APO. Each DFO/implementing officer including Range officer shall also maintain

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a separate interest bearing flexi account in the Nationalised Bank which will be exclusively for receipt and expenditure of State Funds for which monthly reconciliation shall be made by DFOs/IOs.

The office of the State Authority shall maintain the Cash Book and Ledger as per Odisha Forest Department Code 1979. The funds transferred to the account of DFO/IO from time to time shall be treated as advance to the DFO/IO. The receipts in support of funds given an advance to DFO/IO shall be in the form of vouchers in support of draws of funds from State Fund. The ledger would be maintained at State Authority earmarking folios for each DFOs/IO. On the left side of the folio the funds advanced will be recorded and on the right side the work executed and funds utilized/UC submitted from time to time will be recorded. The CEO State Authority would monitor the progress of funds released to IOs/DFOs and its proper maintenance of its norms.

Similarly there will be a Cash Book and Ledger at DFO/IO level in which funds given as an advance to Range Offices/IOs/agencies will be entered as interest advance vouchers. The DFO/IO will also maintain ledger earmarking separate folio for each Range Office/sub-disbursers. On the left side of the ledger, the funds given as an advance will be recorded and on the right side the advance recovered in shape of work executed shall be entered.

The Range Officer/Sub-disburser shall submit all the original vouchers along with Measurement Books with their monthly Cash Accounts to the o/o the DFO by 25th of each month. The Cash Accounts of all the Range Offices/Sub-disbursers will be incorporated in the Divisional Cash Accounts.

In cases where work will be executed through VSS, the Forest Range Officer will transfer funds as an advance to VSS Account. The VSS account will be jointly operated by the President and Member Secretary of the VSS. The VSS will execute the work under the technical guidance of Range Officer. The VSS will pass a resolution stating the details of the work executed. The Member Secretary will then transmit the Resolution/ voucher to the Forest Ranger officer who will in turn submit the same to the DFO concerned.

All relevant records as prescribed under Rule 37 as well as under Odisha Forest Department Code and Plantation Manual to be maintained properly at appropriate level. The drawal of funds and expenditure of funds including procurements/ maintenance of stock & stores shall be made in accordance with the provision of Odisha General Financial Rules, Delegation of Financial Power Rules 1978, Odisha Forest Department Code 1979 and subsequent orders/amendments made there under. Monthly reconciliation of bank accounts shall be made by the DFOs in every month.

Different item of work will be executed departmentally or by awarding contract as per the rules and procedures of State Government in view of the cost norm and cost estimate approved by the Competent Authority.

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The DFO/IO will prepare classified abstract of revenue and expenditure in Form 60P in each month and submit the same along with cash accounts by 10th of the next month to the State Authority. Subsequently the DFO shall also submit the UCs as per the format prescribed under OGFR. The monthly classified abstract of revenue expenditure shall reflect unit wise/item wise quantum of expenditure during the month as well as cumulative total of the financial year in excel format. The accounts at divisional level will be audited by Internal Audit Party of the Forest Department.

This has been concurred in by Finance Department vide their UOR No.848-PSF dtd.29.04.2019.

Ordered that the Notification be published in an extraordinary issue of the Odisha Gazette.

By order of the Governor

(S.C. Mahapatra)

Addl. Chief Secretary to Government

Memo No. 12120 /F&E Date 27-06-19

Copy forwarded to the Gazette Cell, Commerce & Transport (Commerce) Department for information and necessary action. They are requested to take steps for publication of the above notification in the extra ordinary issue of the Gazette and supply 100 copies of printed notification of the same to this department early.

(S.C. Mahapatra)

Special Secretary to Government

Memo No. 12121 /F&E Date 27-06-19

Copy forwarded to the Secretary to H.E. the Governor of Odisha/ Hon'ble Chief Minister, Odisha/ Hon'ble Minister, Forest & Environment with reference to this Department Memo No.6453 dtd.29.03.2019 for kind information of H.E. Governor, Odisha/ Hon'ble Chief Minister/Hon'ble Minister, Forest & Environment, Odisha.

(S.C. Mahapatra)

Special Secretary to Government

Memo No. 12122 /F&E Date 27-06-19

Copy forwarded to the Deputy Inspector General of Forests, Govt. of India, Ministry of Environment and Forest and Climate Change (F.C. Division) Indira Paryavaran Bhawan, Jor Bagh, Aliganj Road, New Delhi-110003/ Additional Principal Chief Conservator of Forests (Central) Govt. of India, MoEF&CC, Eastern Regional Office, A/3, Chandrasekharpur, Bhubaneswar-23 for information and necessary action with reference to this Department Memo No.6454 dtd.29.03.2019.

(S.C. Mahapatra)

Special Secretary to Government

Memo No. 12123 /F&E Date 27-06-19

Copy forwarded to the Principal Accountant General (A&E), Odisha for information and necessary action with reference to this Department Memo No.6455 dtd.29.03.2019.

(S.C. Mahapatra)

Special Secretary to Government

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Annexure II-I

Division Wise Compensatory Afforestation Plantation and year-wise Maintenance

First Year Planting of Left over CA PCA Addl CA to be carried out during 2019-20

S o r t	Name of CA Division	Name of the Project	Component	Block in Ha.	ANR in Ha	ANR without Gap Plantation In Ha	Bald Hill in Ha	Canal Bank Plantation	Total in Ha	Amount Required for first year planting operation to be released during 2019-20 as per Approved Cost Norm @ Rs.280/- per MD						Remarks			
										Block @ Rs.29447.25 per Ha (AR Norm excluding fencing)	ANR with 200 plants per Ha @ Rs. 20680.80 per Ha	ANR with 400 plants per Ha @ Rs. 27827.10 per Ha	ANR with 600 plants per Ha @ Rs. 34992.83 per Ha	ANR with 800 plants per Ha @ Rs. 42109.20 per Ha	ANR without Gap Plantation Rs. 13167/- per Ha		Bald Hill Plantation @ Rs.85693.65 per Ha (Bald Hill Norm excluding fencing)	Canal Bank Plantation (In Avenue Plantation Mode) @ Rs. 46797.45 per RKM	Total
										1	Koonghar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	CA	41.2442	0			0	

2	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	PCA	0	166.94	0	166.94	0.00	345245 2,752	0	0	0	0	345245 2.75
3	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, widening and strengthening of existing two lane of NH-215 from 0.00 Km to 163.00 Km by NHA (Panikoili-Remuli Section)	CA		303.88		303.88	0.00	628448 1,504	0	0	0	0	628448 1.50
	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	SZ		3.029		3.029		62642 14					62642 14
	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	1.5 SZ		4.5435		4.5435		93963 21					93963 21

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	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, widening and strengthening of existing two lane of NH-215 from 0.00 Km to 163.00 Km by NHAI (Panikoli-Remuli Section)	10 time tree plantation		501.60				501.6		980628 0						980628 0.00	ANR with 300 Plants per Ha .1st year cost @ Rs.19550/- per ha as per approved scheme @ Rs.280/- per MD.	
		Total Keonjhar Division		41.2442	979.99 25	0	0	0	1021.237	1214528. 27	196998 19.61	0	0	0	0	0	209143 47.88		
4	Rourkela	Diversion of 77.94 ha of forest land including 2.562 ha of safety zone area for development of mining infrastructure in Toda RF in ML-162 of M/s Steel Authority of India Ltd.	CA	0	63.628				63.628	0.00	0	177058 2.72	0	0			0	177058 2.72	ANR with 400 plants per Ha
		Total Rourkela Division		0	63.628	0	0	0	63.628	0	0	177058 2.72	0	0	0	0	0	177058 2.719	
5	Bonai	Diversion of 77.94 ha of forest land including 2.562 ha of safety zone area for development of mining infrastructure in Toda RF in ML-162 of M/s Steel Authority of India Ltd.	PCA	0	217.82				217.82	0.00	450469 1.856	0	0	0			0	450469 1.86	
		Total Bonai Division		0	217.82	0	0	0	217.82	0	450469 1.856	0	0	0	0	0	0	450469 1.856	
6	Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	CA	0	177.79 8				177.798	0.00	0	0	622165 5.19	0			0	622165 5.19	ANR with 600 plants per Ha

7	Sundargarh	Diversion of 60.058 ha forest land for laying 2nd 765 KV/DC transmission line from Jharsuguda Pooling Station at Kenapali to Dharamjayagarh Pooling Station near Korba in Chhatisgarh State by M/s PGCIL.	CA	0	120.116			120.116	0.00	2484094.973			0	2484094.97	
8	Sundargarh	Diversion of 18.910 ha Rev forest land for construction of 765 KV/DC transmission line from Pooling Station at Kenapali to Darlipali STPS of NTPC Ltd. By M/s PGCIL.	CA	0	37.82			37.82	0.00	0	1052420.92		0	1052420.92	ANR with 400 plants per Ha
	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	0	67.27		67.27	0.00				885744.09	885744.09	
	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	0	3.10		3.1	0.00				40817.70	40817.70	

Sundargarh	TRB Iron ore mining lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	CA	0	0	22.80			22.8	0.00				300207 .60		300207 .60		
Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	1.5 SZ	0.00	2.50				2.5			69567. 75				69567. 75	ANR with 400 plants per Ha	
Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	Gap Plant ation	0	19.54				19.54		354846 .4					354846 .40	ANR with 300 Plants per Ha .1st year cost @ Rs.18160/- per ha as per approved scheme @ Rs.280/- per MD.	
Sundargarh	Diversion of 60.058 ha forest land for laying 2nd 765 KV/DC transmission line from Jharsuguda Pooling Station at Kenapali to Dharamjayagarh Pooling Station near Korba in Chhatisgarh State by M/s PGCIL.	Dwa rf Tree Plant ation	8.964	42.130				51.094	263965.1 5	871282 .10					113524 7.25		
Sundargarh	Diversion of 18.910 ha Rev forest land for construction of 765 KV/DC transmission line from Pooling Station at Kenapali to Daripali STPS of NTPC Ltd. By M/s PGCIL.	Dwa rf Tree Plant ation	2.822	13.263				16.085	83100.14	274289 4504					357389 .59		
	Total Sundargarh Division		11.786	413.16 7	93.17	0	0	518.123	347065.2 89	398451 2.927	112198 8.67	622165 5.2	0	122676 9.4	0	0	129019 91.47

9	Angul	Diversion of 1.23 ha of forest land as per Sabik record for setting up Railway siding by M/s Global Coal Mining Private Ltd.	CA	1.23	0				1.23	36220.12	0	0	0	0	0	0	36220.12
10	Angul	Diversion of 440.53 ha of forest land including 3.80 ha SZ in Hingula-II OCP Expansion Phase-II by M/s MCL	CA		882.00				882	0.00	182404.65.6	0	0	0	0	0	182404.65.60
	Angul	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	1.5 SZ		4.2				4.2		86859.36						86859.36
	Angul	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	Gap Plantation		49.587				49.587		102549.8.83						102549.8.83
		Total Angul Division		1.23	935.787	0	0	0	937.017	36220.1175	193528.23.79	0	0	0	0	0	193890.43.91
11	Cuttack	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	82	0		0		82	2414674.50	0	0	0	0	0	0	241467.4.50

1 2	Cuttack	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	0	0	20	20	0.00	0					1855413.00	185541 3.00	Bald Hill Plantation with fencing 1st year cost @ Rs.92770.65 per Ha.	
1 3	Cuttack	Diversion of 330.972 ha of Sabik KISSAM forest land as on 25.10.1980 in addition to already diverted forest land of 73.697 ha in Sukinda Chromite Mines by M/s Tata Steel Ltd.	CA	0	0	0	0	0.00	0	0	0	0	0	0	0.00	No CA stipulation as the forest land diverted is Pre-80 broken up Area	
	Cuttack	Diversion of 330.972 ha of Sabik KISSAM forest land as on 25.10.1980 in addition to already diverted forest land of 73.697 ha in Sukinda Chromite Mines by M/s Tata Steel Ltd.	Gap Plantation			28.60	28.6							1738932.05	173893 2.05	Bald Hill plantation with 800 plants per Ha. 1st Year Cost is Rs. 60801.82 per ha basing on the approved Scheme @ 280/- MD.	
		Total Cuttack Division		82	0	0	48.6	0	130.6	2414674.5	0	0	0	0	3594345.05	0	600901 9.55
1 4	Dhenkanal	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	0	192		192	0.00	0	534280 3.20	0	0	0	0	534280 3.20	ANR with 400 plants per Ha	
1 5	Dhenkanal	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	CA		482.00		482	0.00	0	0	0	202966 34.40	0	202966 34.40	202966 34.40	ANR with 800 plants per Ha	

		Total Dhenkanal Division		0	674	0	0	0	674	0	0	534280 3.2	0	202966 34.4	0	0	0	256394 37.6	
1 6	Koraput	Diversion of 11.377 ha of forest land for construction of 220KV (S/C) transmission line on DC tower from existing 220/33 KV sub-station of OPTCL at Laxmipur to premises of NALCo at Damanjodi in Koraput District by M/s NALCo Ltd.	CA	0.00	8.00		15.00		23	0.00	165446 .4	0	0	0		1391559.75		155700 6.15	Bald Hill Plantation with fencing 1st year cost @ Rs.92770.6 5 per Ha.
1 7	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	96.419					96.419	2839274. 40	0	0	0	0		0		283927 4.40	
1 8	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	13.806					13.806	406548.7 3	0	0	0	0		0		406548 73	

Koraput	Diversion of 11.377 ha of forest land for construction of 220KV (S/C) transmission line on DC tower from existing 220/33 KV sub-station of OPTCL at Laxmipur to premises of NALCo at Damanjodi in Koraput District by M/s NALCo Ltd.	Dwarf Tree Plantation	9.00				9	2079360.00						2079360.00	3333 plants per Ha @ 231040/- per ha as per approved Scheme @ Rs.280/- MD
Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	1.5 SZ			27.147		27.147						2326325.517	2326325.52	
Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Gap Plantation		225.00			225						9474570	9474570.00	

	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Soil Conservation		500	100	600		834813 0	842184 0	8569365	253393 35.00	ANR @ 400 Plants per ha over 300 ha, ANR @ 800 Plants per ha over 200 ha. Bald Hill plantation without fencing over 100 ha					
		Total Koraput Division		119.23	733.00	0.00	142.15	0.00	994.37	5325183. 13	165446 .40	834813 0.00	0.00	178964 10.00	0.00	12287250.2 7	0.00	440224 19.80
19	Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	274.031			274.031	8069459. 36	0	0	0	0	0	806945 9.36				
20	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Bapilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	CA			233.34 3	233.343	0.00	0	0	0	0	21647381.7 8	216473 81.78	Bald Hill Plantation with fencing 1st year cost @ Rs.92770.6 5 per Ha.			

Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Gap Plantation	35.00				35			147382.2			147382.200	ANR with 800 plants per Ha
Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Soil Conservation	200.00				200			842184.0			842184.000	ANR with 800 plants per Ha
Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Bapilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	1.5 SZ	23.64				23.64			995461.488			995461.49	ANR with 800 plants per Ha
Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Bapilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	Gap Plantation	37.53				37.53	776150.424					776150.42	

		Total Rayagada Division		274.031	296.17	0	233.34 3	0	803.544	8069459. 36	776150 .424	0	0	108911 23.5	0	21647381.8	0	413841 15.06	
2 1	Kalahandi South	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA				46.387		46.387	0.00	0					4303352.14		430335 2.14	Bald Hill Plantation with fencing 1st year cost @ Rs.92770.65 per Ha.
1	Kalahandi South	Diversion of 279.351 ha Forrest land incuding 2.790 ha Safety zone area in addition to 146.047 ha Forest land already diverted in South Kaliapani Chromite mines by M/S OMC Ltd	CA	0	4.48		0		4.48	0	124665 .41					0.00		124665 .41	ANR with 400 plants per Ha
		Total Kalahandi South Division		0	4.48	0	46.387	0	50.867	0	124665 .408	0	0	0	0	4303352.14	0	442801 7.55	
2 2	Sambalpur	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	CA	1.521					1.521	44789.27	0	0	0	0	0	0		44789. 27	
		Total Sambalpur Division		1.521	0	0	0	0	1.521	44789.26 73	0	0	0	0	0	0	0	44789. 26725	
2 3	Jharpuguda	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	CA	16.387					16.387	482552.0 9	0	0.00	0.00	0.00		0		482552 .09	

24	Jharsuguda	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	PCA	37.00				37	0.00	0	102960 2.70				0		102960 2.70	CNR with 400 Plants per Ha	
		Total Jharsuguda Division		16.387	37	0	0	0	53.387	482552.0 86	0	102960 2.7	0	0	0	0	0	151215 4.786	
	Khariar	Lower Indra Maj Irrigation Project	Canal Bank Plantation	0	0.00	0.00	0	31.1 RKM	31.1 RKM	0.00	0	0.00	0	0	0	0	1455400.70	145540 0.70	Avenue Plantation with 250 plants per RKM model. 1st Year Cost is Rs. 46797.45 per RKM as per approved cost norm
		Total Khariar Division		0	0	0	0	31.1 RKM	0	0	0	0	0	0	0	0	1455400.70	145540 0.70	
		Grand Total		547.4242	4355.0 445	93.1700	470.47 70	31.1 RKM	5466.1157	1793447 2.02	484834 45.01	177377 72.70	622165 5.19	490841 67.89	122676 9.39	41832329.2 4	1455400.70	183976 012.14	

Second year maintenance of Surrendered Backlog CA Target of 2018-19 to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Bald Hill in Ha	Total In Ha	Amount Required for second year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280 per MD				Remarks
								Block @ 16443.84 per Ha (2nd year cost of AR plantation excluding repair of fence)	ANR with 200 plants per Ha @ 7473.48	Bald Hill @ 40354.44	Total	
		(A) Problematic Backlog CA taken up during 2018-19										
1	Keonjhar	Kasia Iron and Dolomite Mines by M/s Essel Mining & Industries Ltd.	CA	0	2.321	0	2.321	0	17345.95	0.00	17345.95	
2	Keonjhar	RML of Gandhamardan Block-B Iron Ore mines by M/s OMC Ltd.	CA	0	27.90	0.00	27.90	0	208510.09	0.00	208510.09	
3	Keonjhar	Joda West Iron & Mn Mines of M/s Tata Steel Ltd.	CA	0	122.16 08	0.00	122.16 08	0	912966.30	0.00	912966.30	
		Total A		0	152.38 18	0	152.38 18	0	1138822.33	0	1138822.33	
		(B) Surrendered Backlog CA taken up during 2018-19										
4	Kalahandi South	Lanjigarh-Junagarh BG Railway line in Kalahandi District	CA	0	0	48.25	48.25	0	0.00	1947101.7 3	1947101.73	Bald Hill Plantation including Fencing @ Rs. 40354.44 per Ha for 2nd year maintenance.
5	Berhampur	Regularisation of Pre-80 encroachment in Ganjam District.	CA	0	0.00	0.00	0.0000	0	0.00	0.00	0.00	As reported by DFO Berhampur division 11.9659 ha AR plantation could not be taken up.
		Total B		0.0000	0	48.25	48.250 0	0	0.00	1947101.7 3	1947101.73	

Second year maintenance cost of Back log CA of old projects (for the projects approved from 1982 to 2004) of 2018-19 to be carried out during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Block In Ha	ANR with 200 Plants per Ha (In Ha)	Total In Ha	Amount Required for second year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280 per MD			Remarks
							Block @ 16443.84 per Ha (2nd year cost of AR plantation excluding repair of fence)	ANR with 200 plants per Ha @ 7473.48	Total	
1	Keonjhar	Daitary- Bansapani Railwayline	CA	0.0000	12.3966	12.3966	0.00	92645.74	92645.74	
				0.0000	47.0000	47.0000	0.00	481419.12	481419.12	
2	Keonjhar	Joda-Bamebari Express Way-II	CA	0.0000	10.0000	10.0000	0.00	74734.80	74734.80	
3	Keonjhar	Balani SAIL (5.10 Sq Mile)	CA	0.0000	49.9996	49.9996	0.00	373671.01	373671.01	
	Keonjhar	Balani SAIL (5.10 Sq Mile)	CA	0.0000	37.5280	37.5280	0.00	280464.76	280464.76	
4	Keonjhar	Belakundi Mines of M/s OMDL Ltd.	CA	0.0000	89.6000	89.6000	0.00	669623.81	669623.81	
5	Keonjhar	Palsa-Jaribahal M/s Patnaik Minerals	CA	0.0000	6.3580	6.3580	0.00	47516.39	47516.39	
6	Keonjhar	Thakurani Iron Mines of M/s Kaypee Enterprises	PCA	0.0000	85.6860	85.6860	0.00	640372.61	640372.61	
7	Keonjhar	Balda Block Iron Mines of M/s Serajudin & Co	CA	0.0000	0.0000	0.0000	0.00	0.00	0.00	
8	Keonjhar	Thakurani Iron Mines of M/s Sarada Mines Ltd.	CA	0.0000	182.0685	182.0685	0.00	1360685.29	1360685.29	
9	Bonai	Tailing Dam for water supply to SAIL Rourkela	CA	0.0000	92.6700	92.6700	0.00	692567.39	692567.39	
10	Deogarh	Rengali Maj IP	CA	35.5800	0.0000	35.5800	585071.83	0.00	585071.83	
11	Cuttack	Construction of Steel Plant in Duburi area by M/s. Nilachal Ispat Nigam Ltd	CA/PC A	40.0000	0.0000	40.0000	657753.60	0.00	657753.60	As reported by DFO, 40 ha Block plantation has been undertaken during 2018-19 out of 118 ha.
12	Rourkela	Setting of 2x3 KW FM Transmitter of AIR on Durgapur Hill Top	CA	0.1175	0.0000	0.1175	362.28	0.00	362.28	As reported by DFO, 300 plants are to be planted as per approved scheme. 1st year cost is calculated in block plantation mode for 300 plants. (16443.84/1600*300 = 3083.22 per Ha.
		Total		75.6975	613.3067	689.0042	1243187.71	4713700.92	5956888.62	

Second Year Maintenance of CA PCA Addl CA of 2018-19 to be carried out during 2019-20

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for Second year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs280/- per MD			Remarks
							Block @ Rs. 16443.84 (2nd year cost of AR plantation excluding repair of fence)	ANR with 200 plants per Ha @ Rs. 7473.48 per Ha	Total	
Current Projects										
1	Jharsuguda	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	CA	0	100	100	0.00	747348.00	747348.00	
	Bamra WL	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	CA	0	213.34	213.34	0.00	1594392.22	1594392.22	
2	Sundargarh	Construction of Belt Conveyor Corridor for transportation of Washed Coal from Hemgiri Coal Washery to Railway Siding by M/s ACB (India) Ltd.	CA	2.929	0	2.929	48164.01	0.00	48164.01	
3	Chandaka WL	Diversion of 0.2931 ha of forest land for the existing Earth Station of Software Technology Parks of India over Plot No GD-1/B (S-3) Chadraskharapur, Bhubaneswar.	PCA (2344 Plants)	1.465	0	1.465	350912.97	0.00	350912.97	Block Plantation in Urban Tree Plantation Mode.2nd year cost @ 149706.90 per 1000 Nos.
4	Rourkela	Diversion of 18.053 ha (17.373 ha for minig and allied activities + 0.68 ha for Safety Zone purpose) of forest land for Kusumdihi and Kamando Bauxite & Mn mines by M/s Rungta Sons (P) Ltd	CA	9.654	0	9.654	158748.83	0.00	158748.83	
	Bonai	Diversion of 18.053 ha (17.373 ha for minig and allied activities + 0.68 ha for Safety Zone purpose) of forest land for Kusumdihi and Kamando Bauxite & Mn mines by M/s Rungta Sons (P) Ltd	CA	7.719	0	7.719	126930.00	0.00	126930.00	
	Bonai	Diversion of 18.053 ha (17.373 ha for minig and allied activities + 0.68 ha for Safety Zone purpose) of forest land for Kusumdihi and Kamando Bauxite & Mn mines by M/s Rungta Sons (P) Ltd	PCA	0	90.265	90.265	0.00	674593.67	674593.67	
5	Keonjhar WL	Diversion of 8.09 ha of DLC forest land for extraction of stone boulder to be used for construction of Panikoili-Remuli four lane project NH-215 by M/s Gayatri Ltd.	CA	8.09	0	8.09	133030.67	0.00	133030.67	

6	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	CA	8.217	0	8.217	135119.03	0.00	135119.03	
	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	PCA	0	84.972	84.972	0.00	635036.54	635036.54	
7	Sundargarh	Diversion of 19.70 ha of forest land for establishment of Railway corridor of Darlipali Super Thermal Power Project of M/s NTPC Ltd.	CA	39.40	0	39.40	647887.30	0.00	647887.30	
8	Jharsuguda	Diversion of 0.82 ha of forest land for laying of 132 KV transmission line by M/s SMC Power Generation Ltd at Village Hirma	CA (plantation inside and around the project area)	1.00	0.00	1.00	16443.84	0.00	16443.84	
	Jharsuguda	Diversion of 0.82 ha of forest land for laying of 132 KV transmission line by M/s SMC Power Generation Ltd at Village Hirma	PCA	4.10	0.00	4.10	67419.74	0.00	67419.74	
9	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	CA	0.00	31.00	31.00	0.00	317531.76	317531.76	ANR with gap plantation @ 400 plants per ha. 2nd year maintenance cost @ 10242.96 per Ha.
	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	ACA	0.00	31.00	31.00	0.00	231677.88	231677.88	
10	Angul	Diversion of 12.63 ha of forest land for laying of slurry pipe line for disposal of ash from Captive Power Plant (CPP) of NALCO to Bharatpur South Coal Block of MCL and to bring back decanted water from the mines after treatment to CPP for re-use.	CA	0.00	26.00	26.00	0.00	194310.48	194310.48	
11	Dhenkanal	Diversion of 12.63 ha of forest land for laying of slurry pipe line for disposal of ash from Captive Power Plant (CPP) of NALCO to Bharatpur South Coal Block of MCL and to bring back decanted water from the mines after treatment to CPP for re-use.	Addl CA	0.00	13.485	13.485	0.00	170517.02	170517.02	ANR with gap plantation @ 600 plants per ha. 2nd year maintenance cost @ 12644.94 per Ha.
11	Jharsuguda	Diversion of 3.885 ha forest land in village Talmal for development of Jharsuguda Airport	CA	0	3.885	3.885	0.00	59273.13	59273.13	ANR with gap plantation @ 800 plants per ha. 2nd year maintenance cost @ 15256.92 per Ha.
12	Angul	Diversion of 6.682 ha of forest land for coal transportation to coal washery by M/s Jindal Steel & Power Ltd.	CA	6.682	0	6.682	109877.74	0.00	109877.74	

13	Keonjhar	Diversion of 0.1959 ha forest land for laying of slurry pipeline within Naibuga RF of Jhumpura Tahasil of Keonjhar District by M/s BRPL Ltd.	CA 0.1959 ha	0.1959		0.1959	3221.35	0.00	3221.35	
	Keonjhar	Diversion of 0.1959 ha forest land for laying of slurry pipeline within Naibuga RF of Jhumpura Tahasil of Keonjhar District by M/s BRPL Ltd.	PCA 0.5977 ha	0.00	0.5977	0.5977	0.00	4466.90	4466.90	
14	Khurdha	Diversion of 23.908 ha forest land for construction of LILO of both circuit of 400 KV Baripada-Mendhasal D/C transmission line from existing Mendhasal substation by PGCIL	CA	0.00	47.816	47.816	0.00	357351.92	357351.92	
15	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	CA	44.00	0.00	44.00	723528.96	0.00	723528.96	
		Total		133.4519	642.3607	775.8126	2521284.439	4986499.527	7507783.966	
		Left Over Projects						0.00		
16	Keonjhar	Deojhar Iron Mines of M/s Tarini Minerals Ltd.	PCA	0	68.73	68.730	0.00	513652.28	513652.28	PCA stipulated in Stage-II approval Order.
17	Dhenkanal	Integrated Steel Plant by M/s Bhushan Steel & Strips Ltd.	PCA	0	47.76	47.76	0.00	356933.40	356933.40	PCA stipulated in Stage-II approval Order.
	Dhenkanal	Integrated Steel Plant by M/s Bhushan Steel & Strips Ltd.	PCA	0	307.40	307.40	0.00	2297347.75	2297347.75	PCA stipulated in Stage-II approval Order.
		Total		0.0000	423.8900	423.8900	0.00	3167933.44	3167933.44	
		Grand Total		133.4519	1066.2507	1199.7026	2521284.44	8154432.96	10675717.40	

Second Year maintenance of SZ,1.5 SZ,CATP, Avenue Plantation & other stipulations to be carried out during 2019-20

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for second year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280/- per MD			Remarks
							Block @ Rs. 16443.84 per Ha (2nd year cost of AR plantation excluding repair of fence)	ANR with 200 plants per Ha @ Rs. 7473.48 per Ha	Total	
(A) Current Projects										
1	Jharsuguda	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	SZ	0	4.004	4.004	0.00	29923.81	29923.81	
2	Jharsuguda	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	1.5 SZ	3.765	0	3.765	61911.06	0.00	61911.06	
3	Jharsuguda	Diversion of 159.18 ha of forest land including 2.51 ha Safety Zone for expansion of Lajkura OCP by M/s MCL Ltd.	Gap Plantation	0	36.71	36.71	0.00	274351.45	274351.45	
4	Jharsuguda	Diversion of 0.82 ha of forest land for laying of 132 KV transmission line by M/s SMC Power Generation Ltd at Village Hirma	Dwarf tree plantation	0	0.82	0.82	0.00	6128.25	6128.25	
5	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	SZ	1.354	1.835	3.189	22264.96	13713.84	35978.80	
6	Bonai	Diversion of 28.324 ha forest land (including 2.685 ha SZ) in village Kusumdihi and Kamando Mn Mines by M/s OMM (P) Ltd.during 3rd renewal of mining lease.	1.5 SZ	0	4.028	4.028	0.00	30103.18	30103.18	
7	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	SZ	0	3.26	3.26	0.00	33392.05	33392.05	ANR with gap plantation @ 400 plants per ha. 2nd year cost @10242.96 per Ha.
8	Keonjhar	Diversion of 30.980 ha forest land for Iron ore mining by M/s Sree Metalicks Ltd.	1.5 SZ	0	7.191	7.191	0.00	53741.79	53741.79	

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9	City	Diversion of 23.908 ha forest land for construction of L.L.O of both circuit of 400 KV Baripada-Mendhasal D/C transmission line from existing Mendhasal substation by PGCIL.	Dwarf tree plantation	4.409	2.939	7.348	72500.89	21964.56	94465.45	
10	Khurdha	Diversion of 23.908 ha forest land for construction of L.L.O of both circuit of 400 KV Baripada-Mendhasal D/C transmission line from existing Mendhasal substation by PGCIL.	Dwarf tree plantation	0	0	0	0.00	0.00	0.00	As reported by RCCF Bhubaneswar AR 8.064 ha and ANR 5.376 ha could not be taken up
11	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	SZ	0	3.694	3.694	0.00	27607.04	27607.04	
12	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	1.5 SZ	0.921	0	0.921	15144.78	0.00	15144.78	
13	Jharsuguda	Diversion of additional 22.48 ha forest land including 0.614 ha SZ in addition to already diverted 313.052 ha forest land for expansion of Samaleswar OCP by M/s MCL Ltd.	Gap Plantation	0	14.82	14.82	0.00	110756.97	110756.97	
		Total		10.449	79.301	89.750	171821.684	601682.942	773504.63	
		(B) Left Over Projects					0.00	0.00		
14	Baripada	Subarnarekha Maj Irrigation Project	CATP	0.00	0.00	0.00	0.00	0.00	0.00	As reported by DFO, Baripada division AR 150 ha, ANR 200 ha, Bamboo Plantation 65 ha, Sisal Plantation 45 ha and Vertiver Grass Plantation 35 ha (Total 495 ha)could not be taken up.
15	Baripada	Subarnarekha Maj Irrigation Project	CATP	0.00	0.00	0.00	0.00	0.00	0.00	As reported by DFO, Baripada division AR 150 ha, ANR 225 ha, Bamboo Plantation 50 ha, Sisal Plantation 40 ha and Vertiver Grass Plantation 40 ha (Total 505 ha) could not be taken up.
		Total		0.00	0.00	0.00	0.00	0.00	0.00	

		Total A +B		10.449	79.301	89.75	171821.68	601682.94	773504.63	
		(C) Other Stipulations								
16	Dhenkanal	Laying of Water Pipeline and construction of Railway Siding in Kharagprasad by M/s Naba Bharat Ventures Ltd.	Avenue Plantation	0	0	640 No of trees	0.00	0.00	114283.52	2nd year maintenance cost of Avenue Plantation @ Rs 44642/- per 250 plants
17	Berhampur	Construction of Light House at Prayagi	10 time tree plantation	0.00	0.00	1660 Nos Casuarina Tree			38820.10	2nd year maintenance cost of Casuarina Plantation @ Rs. 58464/-per 2500 plants
18	Keonjhar	Uchabali Iron & Mn Mines of Smt Indrani Pattnaik	Awareness Programme	0	0				0.00	No second year maintenance as per approved Scheme
		Total				2300 Nos			153103.62	
		Grand Total A+B+C							926608.25	

Second Year maintenance of Surrendered CA, PCA, Addl CA of 2018-19 to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total Area in Ha	Amount Required for second year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280/ MD			Remarks
							Block @ 16443.84 per Ha (2nd year cost of AR plantation excluding repair of fence)	ANR with 200 plants per Ha @ 7473.48 per Ha	Total	
1	Keonjhar WL	Daitary Expansion Project of M/s OMC Ltd.	CA	0.0000	42.0000	42.0000	0.00	313886.16	313886.16	Out of AR 46 ha , 4 ha AR taken up during 2017-18. 42 ha AR converted to ANR by DFO as Forest growth came up in the CA area and taken up during 2018-19.
2	Keonjhar WL	Jilling - Longlota Mines of M/s Essel Mining & Industries Ltd.	CA	0.0000	30.8047	30.8047	0.00	230218.31	230218.31	30.8047 ha AR converted to ANR by DFO as Forest growth came up in the CA area and taken up during 2018-19.
3	Cuttack	South Kaliapani Chromite Mines of M/s OMC Ltd.	PCA	3.2200	0.0000	3.2200	52949.16	0.00	52949.16	Not undertaken during 2017-18 and DFO proposed to take up during 2018-19.
		Total		3.2200	72.8047	76.0247	52949.16	544104.47	597053.63	

Second Year maintenance of Surrendered Avenue Plantation and Median Plantation of 2018-19 to be taken up during 2019-20

Sl No	Name of CA Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total in Ha	Amount Required for second year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280/- per MD			
							Block @ Rs 169443.84 per Ha.(2nd year cost of AR plantation excluding repair of fence)	ANR with 200 plants per Ha @ Rs.7473.48 per Ha	Total	
1	City	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation	0	0		0.00	0.00	892830.80	As reported by DFO City division, 5000 Nos has been planted out of 8000Nos. 2nd year maintenance cost @ Rs.44641.54/- per 250 plants.
			Repair Cost of Gabion				0.00		320000.00	
2	Puri WL	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation	0	0		0.00		357132.32	As reported by DFO Puri WL division, out of target of 7959 nos, 2000 nos could be planted. Avenue plantation. 2nd year maintenance cost @ Rs.44641.54/- per 250 plants.
			Repair Cost of Gabion				0.00		80000.00	
3	Berhampur	Ganjam-Sunakhala NH	Avenue Plantation	0	0	0	0.00		0.00	As reported by DFO Berhampur division 30.348 RKM avenue plantation could not be taken up.
			Cost of Gabion			0	0.00		0.00	
			Median Plantation	0	0	0	0.00		0.00	As reported by DFO Berhampur division 5.531 Km median plantation could not be taken up.
Total			Avenue Plantation of 7000 Nos					1649963.12		

Third Year Maintenance of Surrendered CA, PCA, Addl CA and Special Plantation of 2017-18 to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	CA/PCA/ Addl CA	Block in Ha	ANR in Ha	Bald Hill in Ha	Total in Ha	Amount Required for third year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280/- MD					Remarks
								Block @ 11424/- per Ha (3rd year cost of AR plantation excluding repair of fence)	ANR with 200 plants @ Rs.3150/-	ANR with 400 plants @ Rs.3528/-	Bald Hill @ Rs.21987/- including maintenance of fence.	Total	
1	Sundargarh	TRB Iron ore minning lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	CA	0.000	160.000	0.000	160.000	0.00	0.00	564480.00	0.00	564480	Original target is AR 40 ha. As reported by DFO, 17.20 ha is under encroachment and in balance 22.80 ha. forest growth came up in the identified CA land. As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme are to be planted in degraded forest land. Thus, the DFO has taken up 160 ha ANR plantation with 400 plants per ha in degraded forest land. 3rd year cost of ANR with 400 plants is Rs. 3528/- per Ha.
2	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per	Addl CA	0.000	77.180		77.180	0.00	0.00	272291.04	0.00	272291.04	Original target was AR 196.045 ha, As reported by DFO, 27.548 ha is under encroachment, 24.957 ha already planted during 2015-

		dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.			707.000		707.000	0.00	0.00	2494296.00	0.00	2494296	16 under CAMPA ANR plantation, in balance 143.54 ha forest growth came up in the identified CA land. The DFO converted 77.18 ha AR to ANR with 400 plants per ha in the identified CA area. As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme are to be planted in degraded forest land. Thus, the DFO has taken up ANR plantation with 400 plants per ha of balance seedlings in 707 ha degraded forest land. 3rd year cost of ANR with 400 plants is Rs.3528/- per Ha.
3	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	74.00		74.000	0.00	0.00	261072.00	0.00	261072	Original target was 28.14ha AR and 49.03 ha ANR. AR 28.14 ha Converted to ANR by DFO as forest growth came up in the identified CA land.
						63.00		63.000	0.00		222264.00	0.00	222264

cost of ANR with 400 plants is Rs. 28/- per Ha.

Original target was 114.70 ha AR. AR converted to ANR by DFO as forest growth came up in the identified CA land. As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme are to be planted in degraded forest land. The DFO has proposed to take up 114.70 ha ANR with 400 plants per ha in identified CA area and 345 ha ANR with 400 plants per ha in degraded forest land for balance seedlings. 3rd year cost of ANR with 400 plants is Rs. 3528/- per Ha.

Original target was AR 46 ha and Bald Hill 87 ha. DFO has taken up 4 ha AR and 87 ha Bald hill this year. Rest 42 ha AR converted to ANR by DFO as forest growth came up in the identified CA land, and taken up next year (i.e 2018-19).

Block Converted to ANR by DFO as forest growth came up in the identified CA land and taken up next year (i.e 2018-

4	Sundargarh	Railway siding of Merry-Go-Round (MGR System) in Sundargarh and Jharsuguda district by M/s Odisha Power Generation Corporation Ltd.	CA	0.000	114.700	0.000	114.700	0.00	404661.60	0.00	404661.6	
					345.000		345.000	0.00	1217160.00	0.00	1217160	
5	Keonjhar WL	Daitary Expansion Project of M/s OMC Ltd.	CA	4.000	0.000	87.000	91.000	45696.00	0.00	1912869.00	1958565	
6	Keonjhar WL	Jilling - Longlota Mines of M/s Essel Mining & Industries Ltd.	CA	0.0000	0.000	0.000	0.000	0.00	0.00	0.00	0	

7	Dhenkanal	Sarkunda Mines of M/s Feegrade & Co	CA	0.0000	255.1470	0.000	255.147	0.00	803713.05		0.00	803713.05	Block Converted to ANR with 200 seedlings by DFO as forest growth came up in the identified CA land.
8	Rourkela	Raikela Mines of Geetarani Mohanty	CA	65.4600	0.000	0.000	65.460	747815.04	0.00		0.00	747815.04	
		Total		69.4600	1796.0270	87.0000	1952.4870	793511.04	803713.05	5436224.64	1912869.00	8946317.73	
		Other Stipulation											
9	Angul	Railway Siding Utkal Coal Ltd	100 tree plantation				100 tree plantation					121900.00	Third year maintenance as per approved Scheme @ Rs. 280/- MD
		Total Other Stipulation					100 tree plantation	0	0	0	0	121900.00	
		Grand Total		69.4600	1796.0270	87.0000	1952.4870	793511.04	803713.05	5436224.64	1912869.00	9068217.73	
							+ 100 tree plantation						

Third Year Maintenance of Backlog CA of 2017-18 to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	CA/PC A/ Addl CA	Block in Ha	ANR in Ha	Bald Hill In Ha	Total in Ha	Amount Required for third year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280/- MD			Remarks
								Block @ 11424/- per Ha (3rd year cost of AR plantation excluding repair of fence)	ANR with 200 plants @ Rs.3150/- per Ha	Total	
1	Angul	Construction of Railwayline from Kalinga OCP Talcher to Angul Railway Station by M/s MCL Ltd.	CA/PCA	0	2.480	0.000	2.480	0.00	7812.00	7812.00	
2	Cuttack	Gurujanga Chromite Mines of Late M. Aikath in village Ostapal	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	As reported by DFO, 14.836 ha Plantation could not be taken up during 2017-18
3	Cuttack	Damanijhar MIP	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	As reported by DFO, 25.20 ha Plantation could not be taken up during 2017-18
4	Cuttack	Mining of Chromite in forest block No.27 of Mahagiri DPF by M/s Balasore Alloys Ltd.	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	As reported by DFO, 22.25 ha Plantation could not be taken up during 2017-18
5	Cuttack	Establishment of Integrated Steel Plant & Captive part by POSCo India Private Ltd., Jagatsinghpur	CA	0.00	50.923	0.00	50.923	0.00	160407.45	160407.45	As reported by DFO, plantation over 50.923 ha could be undertaken out of 365.881 ha during 2017-18.
6	Ghumsur South	Regularisation of Pre-80 encroachment in Reserved Forest of Ganjam District, Odisha	CA	0.00	900.00		900.000	0.00	2835000.00	2835000.00	As reported by DFO, Ghumsur South Division, out of 504.5639 ha NFL, 492.598 ha comes under his Division and 11.9659 ha comes under Berhampur Division. Forest growth came out in 492.598 ha, block plantation could not be done and only some SMC work to be taken up in this area during 2018-19. As per instruction of MoEF & CC, number of seedlings as proposed in the CA scheme to be planted in degraded forest land. Thus, DFO has proposed to plant the seedlings in 1675 ha degraded forest land (900ha @ 200 seedling + 100 ha @ 226 seedling + 575 ha @ 400 seedling + 100 ha @ 600 seedling).

				0.00	100.00	0.00	100.000	0.00	355950.00	355950.00	ANR with 226 plants per ha. 3rd year maintenance has been computed taking the proportional cost of ANR with 200 plants i.e. $3150/200 \times 226 = 3559.50$ per ha.
					575.00		575.000	0.00	2028600.00	2028600.00	ANR with 400 plants. 3rd year maintenance cost @ 3528 per ha.
					100.00		100.000	0.00	411600.00	411600.00	ANR with 600 plants. 2nd year maintenance cost @ 4116 per ha.
7	Kalahandi South	Lanjigarh-Junagarh BG Railway line in Kalahandi District	CA	0.00	0.00	0.00	0.000	0.00	0.00	0.00	Block Plantation of 48.25 ha converted to Bald Hill plantation by DFO. The DFO has intimated to take up the plantation next year.
8	Sundargarh	Strengthening & Widening of existing PWD road from Sundergarh to Duduka by MCL	CA	1.238	0.00	0.00	1.238	14142.91	0.00	14142.91	
9	Bonai	RML Nadidihi (Rengalbeda-Nadikasira) mines of M/S Bonai Industrial Co. Ltd.	CA	0	10.590	0.000	10.590	0.00	33358.50	33358.50	
10	Keonjhar	220 KV Single Circuit Line on Double circuit tower from Joda Grid Sub-station to Factory premises of TSIL.	CA/PCA	0.00	1.00	0.00	1.000	0.00	3150.00	3150.00	
11	Baripada	Sankaramara MIP	CA/PCA	2.000	0	0	2.000	22848.00	0.00	22848.00	
		Total		3.238 0	1739.99 30	0.0000	1743.23 10	36990.91	5835877.95	5872868.8 6	

Third Year Maintenance of Current CA PCA Addl CA of 2017-18 to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	BaldHill In Ha	Total in Ha	Amount Required for third year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280 MD				Remarks
								Block @ Rs. 11424/- (3rd year cost of AR plantation excluding repair of fence)	ANR with 200 plants @ Rs. 3150/- per Ha	Bald Hill @ Rs.21987/- per Ha including maintenance of fence.	Total	
1	Berhampur	Construction of Ghatakeswar Multi Purpose Project	CA	0.00	0.00	65.00	65.00	0.00	0.00	1429155.00	1429155.00	
2	Angul	Construction of Talcher-Bimalgarh new BG Rail link by East Coast Railway	CA	0.00	48.50	0.00	48.50	0.00	152775.00	0.00	152775.00	
3	Cuttack	Establishment of Standalone Cement Grinding Unit in Tangi-Choudwar Tahasil of Cuttack District & Darpan Tahasil of Jajpur District by M/s OCL India Ltd.	PCA	0.000	9.780	0.000	9.78	0.00	46005.12	0.00	46005.12	(ANR with 800 seedlings 3rd year maintenance cost is Rs.4704per Ha)
4	Cuttack	South Kaliapani Chromite Mines of M/s OMC Ltd.	PCA	0.000	0.000	0.000	0	0.00	0.00	0.00	0.00	As reported by DFO, 3.22 ha plantation could not be taken up during 2017-18.
5	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	CA	3.197	0.000	0.000	3.197	36522.53	0.00	0.00	36522.53	
6	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	PCA	0.000	6.000	0.000	6.000	0.00	18900.00	0.00	18900.00	
7	Dhenkanal	South Kaliapani Chromite Mines of M/s OMC Ltd.	CA	0.000	272.076	0.000	272.076	0.00	857039.40	0.00	857039.40	

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8	Dhenkanal	Construction of integrated steel plant and captive power plant at Jharbandh by M/s Rungta Mines Pvt. Ltd.	CA	3.156	0.000	0.000	3.156	36054.14	0.00	0.00	36054.14	
9	Kalahandi South	South Kaliapani Chromite Mines of M/s OMC Ltd.	CA	0.000	0.000	0.000	0	0.00	0.00	0.00	0.00	As ascertained from DFO, 4.48 ha plantation could not be taken up during 2017-18.
10	Keonjhar	Uchabali Iron & Mn Mines of Smt Indrani Pattnaik	CA	0.000	64.332	0.000	64.332	0.00	202645.80	0.00	202645.80	Block Converted to ANR with 200 seedlings by DFO as forest growth came up in the identified CA land.
11	Bonai	Raikela Iron Mines of Sri Prabodh Mohanty	CA	0.000	1.634	0.000	1.634	0.00	5147.10	0.00	5147.10	
12	Bonai	Raikela Iron Mines of Sri Prabodh Mohanty	PCA	0.000	25.000	0.000	25	0.00	78750.00	0.00	78750.00	
13	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	CA	0.000	609.500	0.000	609.50	0.00	1919925.00	0.00	1919925.00	
		Total		6.3530	1036.8220	65.0000	1108.1750	72576.67	3281187.42	1429155.00	4782919.09	

Third Year Maintenance of Current SZ, I.5 SZ, Avenue Plantation etc. of 2017-18 to be taken up during 2019-20

SI No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	Total Target in Ha	Amount Required for third year maintenance to be released during 2019-20 as per Approved Cost Norm @ Rs.280 per MD			Remarks
							Block @ Rs.11424/- (3rd year cost of AR plantation excluding repair of fence)	ANR with 200 plants @ Rs.3150/-	Total	
1	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	SZ	0.646	0	0.646	7379.90	0.00	7379.90	
2	Cuttack	Salijanga Quartz & Quartzite mining by Sri P.N. Sahu	1.5 SZ	0	0.969	0.969	0.00	3052.35	3052.35	
3	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	1.5 SZ	0	7.63	7.63	0.00	24034.50	24034.50	
4	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	1.5 SZ		9.485	9.485	0.00	29877.75	29877.75	
5	Sundargarh	Dulanga Coal Block by M/s NTPC Ltd.	Green Belt	0	18.34	18.34	0.00	57771.00	57771.00	
		Total SZ & I.5 SZ		0.646	36.424	37.070	7379.90	114735.60	122115.50	
6	Angul	Construction of Talcher-Bimalgarh new BG Rail link by East Coast Railway	Avenue Plantation	0	0	0	0	0	0.00	As reported by DFO, Angul Division, avenue plantation over 20.028 Km could not be taken up this year as Railway Department have not handed over the land
7	Berhampur	Construction of Ghatakeswar Multi purpose Project	Periphery Plantation under Creation and maintenance of of bird nest for avifauna in the periphery area of Reservoir			0			0.00	As confirmed by DFO, plantation of 1000 seedlings could not be taken up as reservoir work has not been completed yet.
8	Puri WL	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation along NH			2041 Nos	0.00	0.00	216019.44	Avenue plantation 3rd year @ Rs.26460/- per 250 plants. (As reported by DFO, 2041 no of plants could be planted out of 2700 Nos. thus second year maintenance is calculated for 2041 No of plants.)
			Maintenance Cost of Gabion			2041 Nos	0.00	0.00	102050.00	Rs. 50/- per gabion.

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9	City	Construction of 4/6 laning of Bhubaneswar to Puri NH-203	Avenue Plantation along NH	0	0	0	0.00	0.00	0.00	As reported by DFO, Avenue plantation of 8000 Nos. could not be planted during 2017-18.
			Maintenance Cost of Gabion	0	0	0	0.00	0.00	0.00	
10	Bargarh	Sambalpur-Bargarh NH	Avenue Plantation			42640 Nos			4513017.60	Avunue plantation 3rd year @ Rs.26460/- per 250 plants.
			Maintenance Cost of Gabion			42640 Nos			2132000.00	Rs. 50/- per gabion.
11	Berhampur	Ganjam-Sunakhala NH	Avenue Plantation	0	0	0	0	0	0.00	As reported by DFO, Avenue plantation over 30.348 RKM could not be taken up during 2017-18.
			Cost of Gabion			0	0	0	0.00	As reported by DFO, Avenue plantation could not be done.
			Median Plantation	0	0	0	0	0	0.00	As reported by DFO, Median plantation over 5.531 Km could not be taken up during 2017-18.
12	Keonjhar	Uchabali Iron & Mn Mines of Smt Indrani Pattnaik	Awareness Programme						0.00	No Second year Maintenance.
		Total Avenue & other Stipulations							6963087.04	
Grand Total			SZ, 1.5 SZ, Green Belt	0.6460	36.4240	37.0700			7085202.54	
			+ Avenue Plantation			44681 Nos				
			+ Median Plantation			0				
			+ Periphery Plantation			0				

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Fourth Year Maintenance of 2016-17 CA,PCA,Addl CA to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	CA/PAC/ Addl CA	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for fourth Year Maintenance as per Approved Cost Norm @ Rs.280/- MD			Remarks
								Block @ Rs. 5292/- per Ha	ANR with 200 plants per Ha @ Rs. 882/- per Ha	Total	
1	Sundargarh	Construction of Railway line from FCI/shunting line Jharsuguda to Sardega in Sundargarh and Jharsuguda Forest Division. For transportating coal through Railway by South Eastern Railway.	CA	0.00	137.796	0.00	137.796	0.00	121536	121536	
2	Sundargarh	TRB Iron ore minning lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	CA	0.00	64.999	0.00	64.999	0.00	57329	57329	Block plantation 40 ha was not taken up during 2016-17
3	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	CA	0	0	0.00	0	0.00	0	0	Block plantation 196.045 ha was not taken up during 2016-17.
5	Sundargarh	Construction of LILO (Lilo In Lilo Out) from existing 400 KVDC Rourkela-Raigarh Transmission Line-I & Line-II	CA	0	25.25	0.00	25.25	0.00	22271	22270.50	
6	Sundargarh	Setting up of Darlipali Super Thermal Power Project in Darlipali and Raidihi village in Sundargarh District by NTPC Ltd.	CA	27.90	0.00	0.00	27.90	147646.80	0	147646.80	
7	Sundargarh	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL.	CA	0.00	33.80	0.00	33.80	0.00	29812	29811.60	

8	Sundargarh	Railway siding of Merry-Go-Round (MGR System) in Sundargarh and Jharsuguda district by M/s Odisha Power Generation Corporation Ltd.	CA	0.00	0.00	0.00	0.00	0.00	0	0.00	Block plantation 114.70 ha was not taken up during 2016-17.
9	Keonjhar WL	Daitari Extension Iron ore mines by M/S OMC Ltd.	CA	0.00	71.763	0.00	71.763	0.00	63295	63295	Block plantation 46.00 ha and Bald Hill Plantation 87 Ha was not taken up during 2016-17.
11	Keonjhar WL	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	CA	0	0.00	0.00	0	0.00	0	0.00	Block plantation 30.8047 ha was not taken up during 2016-17.
13	Keonjhar	Diversion of 447.811 ha of forest land (Including 44.70 already diverted area) in Jajang Iron & Mn Mines by M/s Rungta Mines Pvt. Ltd.	CA	0	52.944	0.00	52.944	0.00	46697	46697	52.944 Ha Block Plantation converted to ANR Plantation by DFO.
15	Keonjhar	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	CA	12.277	2.00	0.00	14.277	64969.88	1764	66734	Out of total Block Plantation of 15.277 ha, 12.277 ha Block and 2 ha ANR plantation was taken up. 1 Ha Block plantation was not taken up.
17	Keonjhar	Establishment of a Hydro Power Project on River Brahmani by M/s Baitarani Power Project Pvt Ltd.	CA		20.3619	0.00	20.3619	0.00	17959	17959	20.3619 ha Block plantation was converted to ANR plantation by DFO.
19	Keonjhar	Diversion of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	CA	0.00	59.708	0.00	59.708	0.00	52662	52662	
23	Keonjhar	Construction of 400 KVDC Transmission Line through Lolo from existing 400 KV/SC Rengali-Baripada transmission line at Naranpur by PGCIL	CA	8.158	0.00	0.00	8.158	43172.14	0	43172	
25	Bonai	Kusumdihi Mn & Bauxite Mines by M/s Bonai Industries Co	CA	0.00	1.335	0.00	1.335	0.00	0	0	No 4th year maintenance as per approved CA Scheme
27	Bonai	Diversion of 66.671 ha (including 2.523 ha Safety Zone) Raikela Iron ore Mining in Sundergarh district by Geetarani Mohanty	CA	0.00	0	0.00	0	0.00	0	0	ANR plantation 65.46 ha was not taken up during 2016-17 as the CA area identified is in Rourkela Division.

30	Jharsuguda	Construction of Railway line from FCI/shunting line Jharsuguda to Sardega in Sundargarh and Jharsuguda Forest Division. For transporting coal through Railway by South Eastern Railway.	CA	0.00	13.86	0.00	13.86	0.00	12225	12224.52	
32	Jharsuguda	Diversion of 19.70 ha Revenue Forest land (16.90 for mining + 2.80 SZ) in Belpahar expansion OCP by M/s MCL Ltd.	CA	0.00	34.00	0.00	34.00	0.00	29988	29988.00	
33	Jharsuguda	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	CA	0.00	15.50	0.00	15.50	0.00	13671	13671.00	
34	Jharsuguda	Railway siding of Merry-Go-Round (MGR System) in Sundargarh and Jharsuguda district by M/s Odisha Power Generation Corporation Ltd.	CA	16.212	32.461	0.00	48.673	85793.90	28630.60	114424.51	
35	Bargarh	Four Lining of Sambalpur-Bargarh-Odisha/Chhatishgarh Section of NH-6 from 0 Km to 88 Km in Odisha under BOT	CA	20.24	0.00	0.00	20.24	107110.08	0	107110.08	
36	Sambalpur	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL	CA	0.00	98.00		98.00	0.00	86436	86436.00	
37	Koraput	Panchpatmali Central & North Block Bauxite Mines of M/s NALCO (1294.283 ha including 621.70 ha diverted in 1984 and 300 ha diverted in 2006)	CA	177.2925	20.750	0.00	198.0425	938231.91	18302	956533.41	As reported by DFO, Koraput 177.2925 ha block and 20.75 ha ANR with 400 plants per Ha has been taken up.
39	Rayagada	Construction of conveyor corridor and formation of mine access road in Baphalmali Bauxite Mines of M/s Utkal Alumina International Ltd.	CA	2.335	0.00		2.335	12356.82	0	12356.82	

41	Angul	Establishment of Medical Institute of Medical Science & Research at Talcher by M/s MCL Ltd.	CA	0.00	17.00		17.00	0.00	14994	14994.00		
42	Angul	Construction of approach Road to 2x600 MW Power Plant at Dereng by Jindal India Thermal Power Ltd.	CA	4.86	0.00	0.00	4.86	25719.12	0	25719.12		
43	Cuttack	Construction of LILO (Lilo In Lilo Out) of one circuit of Baripada-Mendhasal 400 KV/DC transmission line at Duburi by M/s PGCIL.	CA	42.50	0.00	0.00	42.50	224910.00	0	224910.00		
44	Athmallik	Construction of 2 x 765 KV SC and DC transmission line from Angul Pooling Station to Jharsuguda Pooling Station at Kenapali by PGCIL.	CA		57.00	150.00	0.00	207.00	301644.00	132300	433944	CA stipulation is 612.70 ha (Block 105.83 ha and 506.87 ha). As forest growth has come up in the identified CA area the DFO has modified the CA Scheme and taken up 57 ha Block plantation, 150 ha ANR with 200 plants, 384.47 ha ANR with 400 plants and 58 ha ANR with 800 plants.
						384.4725		384.47	0.00	339105	339104.75	ANR with 400 plants 4th year maintenance @ Rs. 882/- per ha
						58.00		58.00	0.00	51156	51156	ANR with 800 plants 3rd 4th year maintenance @ Rs. 882/- per ha
45	Dhenkanal	Sarkunda Iron Mines of M/s Feegrade & Company Ltd.	CA	0	32.00	0.00	32	0.00	28224	28224.00	Block plantation 255.147 ha was not taken up during 2016-17.	
46	Khurdha	Diversion 5.928 ha of revenue forest in New Sandhakud and Udayachandrapur for laying pipeline for transfer of crude oil from Paradip Port to their Refinery at Abhayachandrapur	CA	12.00	0	0.00	12.00	63504.00	0	63504.00		
47	Kalahandi South	Ret MIP	CA	0.00	39.40	0.00	39.40	0.00	34751	34750.80	39.40 ha AR converted to ANR by DFO.	
Total CA				380.7745	1365.4004	0.0000	1746.1749	2015058.65	1203105.68	3218164.34		

10	Keonjhar WL	Daitari Extension Iron ore mines by M/S OMC Ltd.	PCA	0.00	499.936	0.00	499.936	0.00	440944	440944	
12	Keonjhar	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore beneficiation plant at Dubuna by M/s Essar Steel India Ltd.	PCA	0.00	8.00	0.00	8.00	0.00	7056	7056.00	
14	Keonjhar	Diversion of 447.811 ha of forest land (including 44.70 already diverted area) in Jajang Iron & Mn Mines by M/s Rungta Mines Pvt. Ltd.	PCA	0.00	2.00	0.00	2.00	0.00	1764	1764.00	
16	Keonjhar	Jilling Longlota Iron & Manganese Mines by M/S ESSEL Mining & Industries.	PCA	0.00	22.0954	0.00	22.0954	0.00	19488	19488	
18	Keonjhar	Laying slurry pipeline from beneficiation plant at Dubuna to pellet plant Paradip by M/s Essar Steel India Ltd.	PCA	0.00	1.00	0.00	1.00	0.00	882	882.00	
20	Keonjhar	Diversion of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	PCA	0.00	119.7788	0.00	119.7788	0.00	105645	105645	
21	Keonjhar	Diversion of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	PCA	0.00	120.862	0.00	120.862	0.00	106600	106600	
22	Keonjhar	Diversion of 99.099 ha Forest land including 8.930 ha of SZ in Jaribahal, Palsa (ka) and Palsa (kha) for Iron ore mining by M/s Patnaik Minerals Pvt. Ltd	PCA	0.00	13.0538	0.00	13.0538	0.00	11513	11513	
24	Bonai	TRB Iron ore minning lease of Jindal Strips Ltd. now Jindal Steel & Power Ltd.	PCA	0.00	283.41	0.00	283.41	0.00	249968	249967.62	
26	Bonai	Kusumdihi Mn & Bauxite Mines by M/s Bonai Industries Co	PCA	4.73	0.00	0.00	4.73	0.00	0	0	No 4th year maintenance as per approved CA Scheme

28	Bonai	Diversion of 66.671 ha (including 2.523 ha Safety Zone) Raikela Iron ore Mining in Sundergarh district by Geetarani Mohanty	PCA	0.00	43.056	0.00	43.056	0.00	37975	37975.39	
29	Bonai	Sarkunda Iron Mines of M/s Feegrade & Company Ltd.	PCA	0.00	92.30	0.00	92.30	0.00	81409	81408.60	
31	Jharsuguda	Construction of Railway line from FCI/shunting line Jharsuguda to Sardega in Sundargarh and Jharsuguda Forest Division. For transportating coal through Railway by South Eastern Railway.	PCA	7.00	0.00	0.00	7.00	37044.00	0	37044.00	
38	Koraput	Panchpatmali Central & North Block Bauxite Mines of M/s NALCO (1294.283 ha including 621.70 ha diverted in 1984 and 300 ha diverted in 2006)	PCA	25.10	0.00	0.00	25.10	132829.20	0	132829.20	
40	Chandaka WL	Development of landscaping, plantation and parking space adjacent to administrative building in Jaydev Vihar of Bhubaneswar city by Centre for Youth and Social Development (CYSD)	PCA	0.40	0.00	0.00	0.40	2116.80	0	2116.80	
		Total PCA		37.23	1205.49	0.00	1242.72	171990.00	1063243.94	1235233.94	
4	Sundargarh	Diversion of 276.655 ha forest land including 4.42 ha of Safety Zone and 76.19 ha area which is to be treated as FOREST as per dictionary meaning in Manoharpur Coal Block of IB Valley Coalfield in Sundargarh District by OPGC Ltd.	Addl CA	0	0	0.00	0	0.00	0	0.00	Block plantation 28.14 ha and ANR plantation 49.03 ha (total 77.17 ha) was not taken up during 2016-17.
		Total ACA		0	0	0	0	0	0	0	
		Grand Total		418.0045	2570.8924	0.0000	2988.8969	2187048.65	2266349.63	4453398.28	

Fourth Year Maintenance of 2016-17 SZ,1.5 SZ,CATP Avenue Plantation etc. to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Block in Ha	ANR in Ha	BaldHill In Ha	Total Area in Ha	Funds Required for fourth Year Maintenance as per Approved Cost Norm @ Rs.280/- MD				Remarks
								Block @Rs. 5292/- per Ha	ANR with 200 plants per Ha @ Rs. 882/- per Ha	Bald Hill @ Rs 19929/- per Ha including maintenance of fence	Total	
1	Sundargarh	Lanjiberna OCL	SZ	0.000	1.000	0.000	1.000	0.00	882.00	0.00	882.00	
4	Keonjhar	Jajanga Rungta	SZ	4.629	0.000	0.000	4.629	24496.67	0.00	0.00	24497	
8	Keonjhar	Jaribahal Pattnaik Minerals	SZ	0.000	8.930	0.000	8.930	0.00	7876.26	0.00	7876	
10	Bonai	TRB Jindal	SZ	0.000	6.410	0.000	6.410	0.00	5653.62	0.00	5654	
12	Bonai	Kusumdihi BICo	SZ Block 0.510 ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0	No 4th year maintenance as per approved SZ Scheme
15	Bonai	Raikela Mines Geetarani Mohanty	SZ	2.523	0.000	0.000	2.523	13351.72	0.00	0.00	13352	
17	Bonai	Sarkunda Mines of Feegrade	SZ	1.400	9.241	0.000	10.641	7408.80	8150.56	0.00	15559	
20	Jharsuguda	Belpahar Expansion OCP	SZ	0.000	8.280	0.000	8.280	0.00	7302.96	0.00	7303	
		Total SZ		8.5520	33.8610	0.0000	42.413	45257.18	29865.40	0.00	75122.59	
2	Sundargarh	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	1.572	14.413	0.000	15.985	8319.02	12712.27	0.00	21031	
3	Sundargarh	Darlipali NTPC	Conservation, Protection and regeneration of existing Forest Cover	0.000	100.000	0.000	100.000	0.00	88200.00	0.00	88200.00	
5	Keonjhar	Jajanga Rungta	1.5 SZ	0.000	6.9435	0.000	6.9435	0.00	6124.17	0.00	6124	
6	Keonjhar	Jhilling-Longlota Mines ESSEL	GAP Plantn	0.000	34.044	0.000	34.044	0.00	30026.81	0.00	30027	
7	Keonjhar	Baitarani Power Project	CATP	0.000	62.000	0.000	62.000	0.00	54684.00	0.00	54684	

9	Keonjhar	Jaribahal Pattnaik Minerals	1.5 SZ	0.000	13.426	0.000	13.426	0.00	11841.73	0.00	11842	
11	Bonai	TRB Jindal	1.5 SZ	0.000	9.615	0.000	9.615	0.00	8480.43	0.00	8480	
13	Bonai	Kusumdihi BICo	1.5 SZ Block 0.765 Ha	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0	No 4th year maintenance as per approved 1.5 SZ Scheme
14	Bonai	Kusumdihi BICo	Reclamation Scheme Block 2.4 ha	0.000	11.906	0.000	0.000	0.00	0.00	0.00	0	No 4th year maintenance as per approved Reclamation Scheme
16	Bonai	Raikela Mines Geetarani Mohanty	1.5 SZ	0.000	3.790	0.000	3.790	0.00	3342.78	0.00	3343	
18	Bonai	Sarkunda Mines of Feegrade	1.5 SZ	0.000	16.000	0.000	16.000	0.00	14112.00	0.00	14112	
19	Jharsuguda	Belpahar Expansion OCP	GAP Plantn	0.000	32.790	0.000	32.790	0.00	28920.78	0.00	28921	
21	Jharsuguda	Belpahar Expansion OCP	1.5 SZ	0.000	4.200	0.000	4.200	0.00	3704.40	0.00	3704	
22	Jharsuguda	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	0.721	6.610	0.000	7.331	3815.53	5830.02	0.00	9646	
23	Rairakhol	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	7.8846	77.040	0.000	84.9246	41725.30	67949.28	0.00	109675	0.4454 ha AR (out of 8.33 ha) and 32.75 ha ANR (out of 109.79 Ha) plantation was not taken up.
24	Sambalpur	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.00	Block plantation 3.13 ha and ANR plantation 43.416 ha (total 46.546 ha) was not taken up during 2016-17.
25	Angul	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	3.920	46.290	0.000	50.210	20744.64	40827.78	0.00	61572	
26	Athmallik	Angul Pooling Station to Jharsuguda Pooling Station	Dwarf tree plantation	12.180	111.660		123.840	64456.56	98484.12	0.00	162941	
27	Koraput	Panchpatmali NALCo	1.5 SZ	0.000	40.4035	0.000	40.4035	0.00	35635.89	0.00	35636	
28	Koraput	Panchpatmali NALCo	Gap Plantn	0.000	135.800	168.600	304.400	0.00	119775.60	3360029.40	3479805.00	
		Total Misc		26.278	726.931	168.600	909.903	139061.06	630652.05	3360029.40	4129742.51	

29	Sundargarh	Jharsuguda-Sardega Rly Line	Strip Plantation		0			0.00	Strip Plantation over 21.54 Km was not taken up during 2016-17.
30	Jharsuguda	Jharsuguda-Sardega Rly Line	Strip Plantation		0			0.00	Strip Plantation over 18.636 Km was not taken up during 2016-17.
			Total Strip Plantation				0	0.00	
31	Puri WL	Bhubaneswar-Puri NH 203	Avenue Plantation Along NH			3050 Nos		286944.00	4th year maintenance @ Rs. 23520/- per 250 Plant
			Avenue Plantation Along Feeder Road			2500 Nos		235200.00	4th year maintenance @ Rs. 23520/- per 250 Plant
	Khurdha	Bhubaneswar-Puri NH 203	Avenue Plantation Along NH			5000 Nos		470400.00	4th year maintenance @ Rs. 23520/- per 250 Plant
			Avenue Plantation Along Feeder Road			14500 Nos		1364160.00	4th year maintenance @ Rs. 23520/- per 250 Plant
32	City	Bhubaneswar-Puri NH 203	Avenue Plantation			2250 Nos		211680.00	4th year maintenance @ Rs. 23520/- per 250 Plant
			Total Avenue Plantation			27300 Nos		2568384.00	
33	Bonai	Raikela Mines Geetarani Mohanty	Mitigation of Soil erosion	Plantation of 4000 plants.				0.00	No fourth year maintenance as per approved Scheme
34	Khariar	Lower Indra Maj IP	CATP without GAP Plantation	Soil Conservation measures and other allied forestry activities				0.00	No fourth year maintenance as per approved Scheme
35	Sunabeda WL	Lower Indra Maj IP	CATP without GAP Plantation	Soil Conservation measures and other allied forestry activities				0.00	No fourth year maintenance as per approved Scheme
			Total Other Stipulations		0			0.00	
			Grand Total					6773249.10	

Other Activities (Watch & Ward) of 2016-17 Plantations as per approved Scheme to be given during 2019-20

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(659)

Sl No	Name of the CA Division	Name of the Project	Component	Area in Ha	Plantation Watcher one year @ Rs. 280/- per MD	Remarks	
1	Bonai	TRB Jindal	SZ	6.410	102200.00	1 No of Watcher per year for 6 years	2017-18 to 2022-23
2	Bonai	TRB Jindal	1.5 SZ	9.615	102200.00	1 No of Watcher per year for 6 years	2017-18 to 2022-23
3	Bonai	Kusumdihi BL Co.	SZ	0.510	102200.00	1 No of Watcher per year for 3 years	2017-18 to 2019-20
4	Bonai	Raikela Geetarani Mohanty	1.5 SZ	3.79	102200.00	1 No of Watcher per year for 3 years	2017-18 to 2019-20
5	Bonai	Raikela Geetarani Mohanty	PCA	43.056	204400.00	2 No of Watcher per year for 3 years	2017-18 to 2019-20
6	Bonai	Sarkunda Feegrade	PCA	92.30	511000.00	5 No of Watcher per year for 6 years	2017-18 to 2022-23
7	Bonai	Sarkunda Feegrade	SZ	10.641	102200.00	1 No of Watcher per year for 6 years	2017-18 to 2022-23
8	Bonai	Sarkunda Feegrade	1.5 SZ	16.00	204400.00	2 No of Watcher per year for 6 years	2017-18 to 2022-23
9	Keonjhar	Jajang Rungta	1.5 SZ	6.9435	102200.00	1 No of Watcher per year for 4 years	2017-18 to 2020-21
10	Keonjhar	Jajang Rungta	SZ	4.629	204400.00	2 No of Watcher per year for 4 years	2017-18 to 2020-21
11	Keonjhar	Jaribahal Pattanaik Minerals	CA	59.708	163739.00	2 No of Watcher per year for 3 years	2017-18 to 2019-20
12	Keonjhar	Jaribahal Pattanaik Minerals	SZ	8.930	102200.00	1 No of Watcher per year for 10 years	2017-18 to 2026-27
				Total	2003339.00		

Fifth Year Maintenance of 2015-16 CA,PCA,Addl CA Plantation to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for fifth Year Maintenance as per approved cost norm @ 280 per MD			Remarks
							Block @ Rs. 5292/- per Ha	ANR with 200 plants per Ha @ Rs.882/-	Total	
1	Bonai	Koira Iron Ore Mine in Sundargarh District by M/s Essel Mining & Industries (P) Ltd.	CA	0	19.486	19.486	0.00	17186.65	17186.65	
			PCA	2.140	0	2.140	11324.88	0.00	11324.88	
			Addl CA	0	59.458	59.458	0.00	52441.96	52441.96	
Bonai		Diversion of 15.393 ha of forest land (including 4.325 ha of safety zone area in addition to 52.742 ha already diverted forest land at Sanindipur & Oraghat by M/s Rungta & Sons Pvt. Ltd.	CA	11.068	0	11.068	58571.86	0.00	58571.86	
Bonai		Diversion of 45.118 ha of forest land (including 8.309 ha of safety zone area in addition to 39.309 ha already diverted forest land at Nadidihi Iron Ore Mines of by M/s Feegrade & Co (P) Ltd.	PCA	0	39.309	39.309	0.00	34670.54	34670.54	
Bonai		Manganese ore mining in village Bharjapali,Koira & Teherai by Sri Rudrasen Sindhu, M/s Rohtak Engineering	CA Block 32.293 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
Bonai		Diversion of 64.133 ha of forest land (including 4,929 ha of safety zone area in addition to 10.10 ha already diverted forest land at Oraghat by M/s Rungta & Sons Pvt. Ltd.	Addl CA	0	64.133	64.133	0.00	56565.31	56565.31	
Bonai		Kalta & Barsuan Iron mines of M/S SAIL in Toda RF (MI-130).	Addl CA	0	2341.931	2341.931	0.00	2065583.14	2065583.14	
Bonai		RML Nadidihi (Rengalbeda-Nadikasira) mines of M/S Bonai Industrial Co. Ltd.	PCA ANR 37.00 ha	0	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Bonai Division		13.208	2524.317	2537.525	69896.74	2226447.59	2296344.33	

2	Rourkela	Diversion of 45.118 ha of forest land (including 8.309 ha of safety zone area in addition to 39.309 ha already diverted forest land at Nadidihi Iron Ore Mines of by M/s Feegrade & Co (P) Ltd.	CA	7.976	0	7.976	42208.99	0.00	42208.99
	Rourkela	Diversion of 64.133 ha of forest land (including 4.929 ha of safety zone area in addition to 10.10 ha already diverted forest land at Oraghat by M/s Rungta & Sons Pvt. Ltd.	CA	27.658	0	27.658	146366.14	0.00	146366.14
		Total Rourkela Division		35.634	0.000	35.634	188575.13	0.00	188575.13
3	Athmallik	Diversion of 324.52 ha. forest land including Safety Zone for Mining of Coal from Mandakini Coal Block A in Angul District by M/s Mandakini Coal Company Ltd.	CA	143.377	0	143.377	758751.08	0.00	758751.08
	Athmallik	Construction of 2 x 600 MW Thermal Power Plant in Angul forest Division in Angul District by M/s Jindal India Thermal Power Ltd.	CA	39.15	0	39.15	207181.80	0.00	207181.80
		Total Athmallik Division		182.527	0.00	182.527	965932.88	0.00	965932.88
4	Deogarh	Diversion of 324.52 ha. forest land including Safety Zone for Mining of Coal from Mandakini Coal Block A in Angul District by M/s Mandakini Coal Company Ltd.	CA	181.1437	0	181.1437	958612.46	0.00	958612.46
		Total Deogarh Division		181.1437	0.00	181.1437	958612.46	0.00	958612.46
5	Angul	Construction of 2 x 600 MW Thermal Power Plant in Angul forest Division in Angul District by M/s Jindal India Thermal Power Ltd.	PCA	20.00	295.00	315.00	105840.00	260190.00	366030.00
	Angul	Diversion of 134.41 ha of forest land (including 0.18 ha of safety zone area in addition to 71.64 ha already diverted forest land for Bharatpur OCP of M/s MCL Ltd.	CA	0.00	269.00	269.00	0.00	237258.00	237258.00
			PCA	0.00	21.50	21.50	0.00	18963.00	18963.00
		Total Angul Division		20.00	585.50	605.50	105840.00	516411.00	622251.00

6	Dhenkanal	Diversion of 70.4221 ha forest land for laying pipeline from Paradip to Raipur (Chhatisgarh) via Sambalpur & from Sambalpur to Ranchi (Jharkhand) by M/s Indian Oil Corporation Ltd.	CA	0.00	142.00	142.00	0.00	125244.00	125244.00	
	Dhenkanal	Diversion of 6.329 ha forest land (4.861 ha for mining & allied activities & 1.468 ha for safety Zone in Asurabandha Chromite Mines by M/s Real India Consultancy Ltd in Dhenkanal District	CA	6.329	0	6.329	33493.07	0.00	33493.07	
	Dhenkanal	Establishment of 1320 MW (2 x 660 MW) Lanco babandh Power Plant in Khurunti & Khargprasad village of Dhenkanal District by M/s Lanco Babandh Power Ltd. (LBPPL)	CA	8.094	0	8.094	42833.45	0.00	42833.45	
			PCA	0	14.876	14.876	0.00	13120.63	13120.63	
	Dhenkanal	Establishment of a 1050 MW Coal fired thermal Power Plant by M/s GMR Energy Ltd	CA Block 16 ha and ANR 16.3755 ha	0.00	0	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Dhenkanal Division		14.423	156.876	171.299	76326.52	138364.63	214691.15	
7	Cuttack	Establishment of Standalone Cement Grinding Unit in Tangi-Choudwar Tahasil of Cuttack District & Darpan Tahasil of Jajpur District by M/s OCL India Ltd.	CA	4.844	0	4.844	25634.45	0.00	25634.45	
	Cuttack	Kamarda Chromite mines of M/s B.C.Mohanty & Sons	CA Block 46.283 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Cuttack Division		4.844	0.00	4.844	25634.45	0.00	25634.45	
8	Keonjhar WL	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore beneficiation plant at Dubuna by M/s Essar Steel India Ltd.	PCA	0	8.00	8.00	0.00	7056.00	7056.00	
	Keonjhar WL	Canal System of Anandpur Barrage	CA	0.00	0.00	0.00	0.00	0.00	0.00	Block plantation of 7.08 ha not been taken up.
	Keonjhar WL	Joda East TISCO	CA	0.000	0.00	0.000	0.00	0.00	0.00	Block plantation of 8.458 ha not been taken up.
	Keonjhar WL	Joda East TISCO	CA	0.00	0.00	0.00	0.00	0.00	0.00	Block plantation of 13.48 ha not been taken up.

	Keonjhar WL.	Khandabandh TISCO	CA Block 4ha	0.00	0.00	0.00	0.00	0.00	0.00	Out of 234.16 ha only 4 ha has been achieved. No 5th year maintenance as per approved CA Scheme.
		Total Keonjhar WL Division		0.00	8.00	8.00	0.00	7056.00	7056.00	
9	Keonjhar	Laying of downhill pipe conveyor system and underground pipeline through forest land in Kitabeda village in Keonjhar District by M/s Sarada Mines Pvt. Ltd.	PCA ANR 1.8914 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Keonjhar	Balita Dr. S Pradhan	CA/PCA ANR 36.694 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Keonjhar	Roida-II K.N.Ram	CA/PCA ANR 25.619 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Keonjhar	Jururi KMC	CA/PCA Block 2.8653	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Keonjhar	Inganijharan Dr S Pradhan	CA/PCA	0.00	0.00	0	0.00	0.00	0.00	Block plantation of 3.00 ha not achieved.
	Keonjhar	Bamebari TISCO	CA/PCA ANR 19.64 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Keonjhar	Sidhamath Mideast	CA/PCA ANR 59.176 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
			CA/PCA ANR 20.00 ha	0	0.00	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Keonjhar	Jururi KMC	CA/PCA ANR 24.60 ha	0	0.00	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Keonjhar	Tiringpahar Tisco	CA/PCA ANR 2.781 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Keonjhar Division		0.0000	0.0000	0.0000	0.0000	0.0000	0.00	
10	Rajnagar WL.	Laying of shore pipeline and intermediate Booster Station for dredging and reclamation work (Phase-II) for Paradeep Refinery Project at Paradeep by IOCL	PCA Casuarina Plantation 0.561 ha	0	0.00	0	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
	Rajnagar WL.	Establishment of Integrated Steel Plant & Captive part by POSCO India Private Ltd., Jagatsinghpur	CA (Mangrove plantation with 4445 seedlings)	25.00	0.00	25.00	264600.00	0.00	264600.00	@ 10584 per Ha (5th year cost of mangrove plantation with 4445 seedling)
		Total Rajnagar WL Division		25.000	0.00	25.000	264600.000	0.000	264600.000	

11	Sundargarh	Laying 765 KV/DC transmission line from Jharsuguda Pooling Station at Kenapali in Sundargarh Dist to Dharanjaygarh Pooling Station near Korba of Chhatishgarh by PGCIL.	CA	0	61.60	61.60	0.00	54331.20	54331.20	
	Sundargarh	Kulda OCP MCL Ltd.	CA ANR 300 ha	0	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Sundargarh Division		0.00	61.60	61.60	0.00	54331.20	54331.20	
12	Khurdha	Development of Southern Dock Complex inside Paradip Port in Sandhakud of Kujanga Tahasil by Paradip Port Trust Ltd.	CA	52.00	0	52.00	275184.00	0.00	275184.00	
		Total Khurdha Division		52.00	0.00	52.00	275184.00	0.00	275184.00	
13	Jharsuguda	Samaleswari Extn OCP	CA ANR 86 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Jharsuguda Division		0.00	0.00	0.00	0.00	0.00	0.00	
14	Boudh	Canal System of Bagh Barrage MIP(Phase-II)	PCA Block 29.154 ha	0.000	0.00	0.000	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Boudh Division		0.000	0.000	0.000	0.00	0.00	0.00	
15	Rairakhol	Establishment of Integrated Steel complex by M/s SHYAM DRI Power Ltd. at Pandoli & Nishabhanga in Sambalpur District	CA Block 5.00 ha, ANR 33.393 ha	0.000	0.000	0.000	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
		Total Rairakhol Division		0.000	0.000	0.000	0.00	0.00	0.00	
		Grand Total		528.7797	3336.2930	3865.0727	2930602.17	2942610.43	5873212.60	

Fifth Year Maintenance of 2015-16 SZ,1.5 SZ,CATP Avenue Plantation etc. to be taken up during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Block In Ha	ANR In Ha	Total Area in Ha	Funds Required for fifth Year Maintenance as per approved cost norm @ 280 per MD			Remarks
							Block @ Rs. 5292/- per Ha	ANR with 200 plants @ Rs. 882/-	Total	
1	Bonai	Koira Iron Ore Mine in Sundargarh District by M/s Essel Mining & Industries (P) Ltd.	SZ	4.096	0	4.096	21676.03	0.00	21676.03	
			1.5 SZ	6.144	0	6.144	32514.05	0.00	32514.05	
2	Bonai	Diversion of 45.118 ha of forest land (including 8.309 ha of safety zone area in addition to 39.309 ha already diverted forest land at Nadidihi Iron Ore Mines of by M/s Feegrade & Co (P) Ltd.	SZ	4.136	0	4.136	21887.71	0.00	21887.71	
			1.5 SZ	0	6.204	6.204	0.00	5471.93	5471.93	
3	Bonai	Manganese ore mining in village Bhanjapali,Koira & Teherai by Sri Rudrasen Sindhu, M/s Rohtak Engineering	SZ ANR 3.115 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
			1.5 SZ ANR 4.673 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
4	Bonai	Diversion of 64.133 ha of forest land (including 4.929 ha of safety zone area in addition to 10.10 ha already diverted forest land at Oraghat by M/s Rungta & Sons Pvt. Ltd.	SZ	3.649	0	3.649	19310.51	0.00	19310.51	
			1.5 SZ	5.474		5.474	28968.41	0.00	28968.41	
5	Bonai	Kalta & Barsuan Iron mines of M/S SAIL in Toda RF (MI-130)	SZ	5.152	88.527	93.679	27264.38	78080.81	105345.20	
			1.5 SZ	0	140.519	140.519	0.00	123937.76	123937.76	
6	Bonai	Raikela Mines by National Enterprises	SZ ANR 6.559 ha	0	0.000	0.000	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
			1.5 SZ Block 9.839 ha	0.000	0.000	0.000	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.

		Total Bonai Division		28.651	235.250	263.901	151621.09	207490.50	359111.59	
7	Angul	Diversion of 134.41 ha of forest land (including 0.18 ha of safety zone area in addition to 71.64 ha already diverted forest land for Bharatpur OCP of M/s MCL Ltd.	SZ	0.00	0.00	0.00	0.00	0.00	0.00	11.00 ha AR Plantation was not taken up during 2015-16.
			1.5 SZ	0.00	16.50	16.50	0.00	14553.00	14553.00	
8	Angul	Diversion of 324.52 ha. forest land including Safety Zone for Mining of Coal from Mandakini Coal Block A in Angul District by M/s Mandakini Coal Company Ltd.	SZ	0	0	0	0.00	0.00	0.00	15.057 AR Plantation was not taken up during 2015-16.
			1.5 SZ	2.500	5.348	7.848	13230.00	4716.94	17946.94	
9	Angul	Rengali Irrigation Project	CATP ANR 200 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		Total Angul Division		2.50	21.85	24.35	13230.00	19269.94	32499.94	
10	Dhenkanal	Diversion of 6.329 ha forest land (4.861 ha for mining & allied activities & 1.468 ha for safety Zone in Asurabandha Chromite Mines by M/s Real India Consultancy Ltd in Dhenkanal District	SZ	1.468	0	1.468	7768.66	0.00	7768.66	
			1.5 SZ	0	2.202	2.202	0.00	1942.16	1942.16	
		Total Dhenkanal Division		1.468	2.202	3.670	7768.66	1942.16	9710.82	
11	Keonjhar	Laying of downhill pipe conveyor system and underground pipeline through forest land in Kitabeda village in Keonjhar District by M/s Sarada Mines Pvt. Ltd.	Plantation over forest land on both sides of the conveyor system ANR 10.0379 ha	0	0.0000	0.0000	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
12	Keonjhar	Laying water pipeline and other related infrastructure facilities for operationalisation of their Iron ore beneficiation plant at Dubuna by M/s Essar Steel India Ltd.	Avenue Plantation	0	0	12.76 RKM	0.00	0.00	300115.20	@ 23520 per RKM (Cost norm for 5th year maintenance of Avenue Plantation)
13	Keonjhar	Laying slurry pipeline from beneficiation plant at Paradeep by M/s Essar Steel India Ltd.	Avenue Plantation	0	0	17.68 RKM	0.00	0.00	415833.60	@ 23520 per RKM (Cost norm for 5th year maintenance of Avenue Plantation)

		Total Keonjhar Division		0.0000	0.0000	0.0000	0.00	0.00	0.00	
					+ 30.44 RKM Avenue Plantation		0.00	0.00	715948.80	
14	Sundargarh	Coal Mining in village Girisua, Jamkhani, Kendra & Jharpalam under Hemgiri Tahasil of Sundargarh Dist. By M/s bhushan Power & Steel Ltd.	Soil Conservation measures outside the ML area ANR 550 ha	0.00	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		Total Sundargarh Division		0.00	0.00	0.00	0.00	0.00	0.00	
15	Jharsuguda	Samaleswari Extn OCP	SZ ANR 3.044 ha	0	0.000	0.000	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
16	Jharsuguda	Re-diversion (Change of land use pattern) of 84.239 ha of forest land from the area earmarked for Safety Zone & infra structure development of Lakhanpur OCP of M/s MCL	SZ	0.00	0.00	6.90	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
			Gap Plantation & soil & moisture conservation in the area within 100 mt from outer perimeter of the ML area	0	0.00	19.30	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
17	Jharsuguda	Samaleswari OCP by MCL	SZ ANR 116.262 ha	0	0	0	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
18	Jharsuguda	Belpahar OCP by MCL	SZ ANR 38.32 ha	0	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		Total Jharsuguda Division		0.00	0.00	26.20	0.00	0.00	0.00	

19	Sambalpur	Samaleswari OCP by MCL	1.5 SZ ANR 90.00 ha	0	0.00	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		Total Sambalpur Division		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	Bargarh	Ong Dam Project	CATP ANR 1800 ha	0	0	0	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		Total Bargarh Division		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	Kalahandi North	Ret MIP	Plantation along the Bank of Reservoir (RDF with 100 seedlings) ANR 200 ha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		TotalKalahandi North Division		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Jeypore	Dumajhori Small Hydro Electric Project by M/s Shravani Energy.	CATP ANR 14.00 ha	0	0.00	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		Total Jeypore Division		0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	Khariar	Lower Indra Maj IP	CATP ANR 2425.00 ha	0.00	0.00	0.00	0.00	0.00	0.00	0.00	No 5th year maintenance as per approved scheme.
		Total Khariar Division		0.00	0.00	0.00	0.00	0.00	0.00	0.00	

24	Puri WL	Puri-Bhubaneswar Nh 203	Avenue Plantation along NH- 203			3382 plants	0.00	0.00	318178.56	As reported by DFO Puri WL, 3382 Nos planted. Cost of 5th year maintenance @ 23520 per 250 plants (Cost norm for 5th year maintenance of Avenue Plantation)	
			Avenue Plantation along Feeder Road			10500 plants	0.00	0.00	987840.00	@ 23520 per 250 plants (Cost norm for 5th year maintenance of Avenue Plantation)	
		Total Puri WL Division				Avenue Plantation			13882 Plnts	1306018.56	
	Khurdha	Puri-Bhubaneswar Nh 203	Avenue Plantation along Nh- 203			7000 plants		0.00	658560.00	@ 23520 per 250 plants (Cost norm for 5th year maintenance of Avenue Plantation)	
			Avenue Plantation along Feeder Road			14500 plants			1364160.00	@ 23520 per 250 plants (Cost norm for 5th year maintenance of Avenue Plantation)	
		Total Khurdha Division				Avenue Plantation			21500 Plants	2022720.00	
		Total				32.6190	259.3000	318.1190	172619.75	228702.60	401322.35
						+30.44 RKM Avenue Plantation				519915.20	
						Avenue Plantation 35382 Plants				3328738.56	
								Grand Total		4249976.11	

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Other Activities (Watch & Ward) of 2015-16 Plantations to be released during 2019-20

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Sl No	Name of the CA Division	Name of the Project	Component	Area in Ha	Plantation Watcher one year @ Rs.280/- per MD	Remarks	
1	Bonai	Koira Iron Ore Mine in Sundargarh District by M/s Essel Mining & Industries (P) Ltd.	1.5 SZ	6.144	102200.00	1 No of Watcher per year for 5 years.	2016-17 to 2020-21
2	Bonai	Diversion of 45.118 ha of forest land (including 8.309 ha of safety zone area in addition to 39.309 ha already diverted forest land at Nadidihi Iron Ore Mines of by M/s Feegrade & Co (P) Ltd.	SZ	4.136	204400.00	2 No of Watcher per year for 5 years.	2016-17 to 2020-21
			1.5 SZ	6.204	102200.00	1 No of Watcher per year for 5 years.	2016-17 to 2020-21
3	Bonai	Diversion of 64.133 ha of forest land (including 4.929 ha of safety zone area in addition to 10.10 ha already diverted forest land at Oraghat by M/s Rungta & Sons Pvt. Ltd.	1.5 SZ	5.474	0.00	1 No of Watcher per year for 3 years.	2016-17 to 2018-19
4	Bonai	Kalta & Barsuan Iron mines of M/S SAIL in Toda RF (MI-130)	SZ	93.679	715400.00	7 No of Watcher per year for 6 years.	2016-17 to 2021-22
			1.5 SZ	140.519	409347.50	5 No of Watcher per year for 6 years.	2016-17 to 2021-22
5	Bonai	RML Nadidihi (Rengalbeda-Nadikasira) mines of M/S Bonai Industrial Co. Ltd.	PCA	37.00	0.00	2 No of Watcher per year for 3 years.	2016-17 to 2018-19
6	Bonai	Raikela Mines by National Enterprises	1.5 SZ	9.839	0.00	1 No of Watcher per year for 3 years.	2016-17 to 2018-19
		Total			1533547.50		

Sixth Year Maintenance of 2014-15 CA,PCA & Addl CA plantations to be carried out during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Total Area (in Ha)	Block (in Ha)	RDF (in Ha)	Sixth year maintenance cost @ 280 per MD (6th year maintenance cost is same as 4th year maintenance cost of approved cost norm)			Remarks
							Block @ Rs 5292/- per Ha	ANR @ Rs. 882/- per Ha	Total	
1	2	3	4	5	6	7	8	9	10	11
1	Rajnagar WL	Construction of two additional berths for handling of Iron Ore & Coal on BOT basis by Paradip Port Trust.	CA Block Mangroove Plantation with potted seedling 4445 Nos 122.00 Ha	0.000	0.000	0.000	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
			CA Block Mangroove Plantation with hypocotyle 4445 Nos 52.056 Ha	0.000	0.000	0.000	0.00	0.00	0.00	No 5th year maintenance as per approved CA Scheme.
			PCA Block Mangroove Plantation with potted seedling 2500 Nos	2.000	2.000	0.000	21168.00	0.00	21168.00	@ 10584per Ha for 6th year maintenance
		Total Rajnagar WL Division		2.000	2.000	0.000	21168.00	0.00	21168.00	
2	Keonjhar	Laying Slurry Pipeline By M/s BRPL Ltd	CA Block	8.6621	8.6621	0.000	45839.83	0.00	45839.83	
			PCA RDF	26.000	0.000	26.000	0.00	22932.00	22932.00	
3	Keonjhar	Iron ore fines Benefication Plant & Tailing Dam of M/s BRPL Ltd.	CA Block 22.746 ha	0.000	0.000	0.000	0.00	0.00	0.00	No 6th year maintenance as per approved CA Scheme.
			PCA RDF 22.746 ha	0.000	0.000	0.000	0.00	0.00	0.00	No 6th year maintenance as per approved PCA Scheme.
4	Keonjhar	Bolani Iron ore Mines (5.1 Sq Mile) of M/s SAIL Ltd.	CA RDF	205.000	0.000	205.000	0.00	180810.00	180810.00	
			Addl CA RDF	1152.580	0.000	1152.580	0.00	1016575.56	1016575.56	
		Total Keonjhar Division		1392.242	8.662	1383.580	45839.833	1220317.560	1266157.39	
5	Sundargarh	Jamkani Coal Block of M/s Bhushan Power & Steel Ltd.	CA Block	58.920	58.920	0.000	311804.64	0.00	311804.64	
		Total Sundargarh Division		58.920	58.920	0.000	311804.640	0.000	311804.64	

6	Rourkela	Manganese ore mines in Patmunda, Podadihi & Khajurudihi By OMM Pvt Ltd.	CA 135.63 Ha	0.000	0.000	0.000	0.00	0.00	0.00	No 6th year maintenance as per approved CA Scheme.
		Total Rourkela Division		0.000	0.000	0.000	0.000	0.000	0.00	
8	Bonai	Kalta- Barsuan Iron Ore Mines (ML-130) of M/s SAIL Ltd.	CA Block	150.000	150.000	0.000	793800.00	0.00	793800.00	
			CA Block	196.276	196.276	0.000	1038692.59	0.00	1038692.59	
			CA RDF	1138.434	0.000	1138.434	0.00	1004098.79	1004098.79	
			CA RDF	45.636	0.000	45.636	0.00	40250.95	40250.95	
			CA RDF	100.000	0.000	100.000	0.00	88200.00	88200.00	
			CA RDF	586.364	0.000	586.364	0.00	517173.05	517173.05	
			CA RDF	500.000	0.000	500.000	0.00	441000.00	441000.00	
			CA RDF	500.000	0.000	500.000	0.00	441000.00	441000.00	
			CA	500.000	0.000	500.000	0.00	441000.00	441000.00	
		Total Bonai Division		3716.710	346.276	3370.434	1832492.59	2972722.79	4805215.38	
	Chandaka WL Division	400 KVDC Transmission line from Baripada to Mendhasal by Power Grid Corporation India Ltd. (PGCIL)	CA 15 Ha	0.000	0.000	0.000	0.00	0.00	0.00	No 6th year maintenance as per approved CA Scheme.
		Total Chandaka WL Division		0.000	0.000	0.000	0.00	0.00	0.00	
		Grand Total		5169.872	415.858	4754.014	2211305.07	4193040.35	6404345.41	

Sixth Year Maintenance of 2014-15 SZ.1.5 SZ & Avenue Plantation to be carried out during 2019-20

Sl No	Name of the Division	Name of the Project	Component	Total Area (in Ha)	Block (in Ha)	RDF (in Ha)	6th year maintenance cost as per approved cost norm @ 280 per MD (4th year cost is taken as 6th year cost)			Remarks
							Block @ Rs 5292/- per Ha	ANR @ Rs. 882/- per Ha	Total	
1	2	3	4	5	6	7	8	9	10	11
1	Sundargarh	Jamkani Coal Block of M/s Bhushan Power & Steel Ltd.	SZ Block	1.050	1.050	0.000	5556.60	0.00	5556.60	
			1.5 SZ Block	1.580	1.580	0.000	8361.36	0.00	8361.36	
		Total Sundargarh Division		2.630	2.630	0.000	13917.96	0.00	13917.96	
2	Bonai	Manganese ore mines in Patmunda, Podadihi & Khajurudihi By OMM Pvt Ltd.	SZ Block 12.12 ha	0.000	0.000	0.000	0.00	0.00	0.00	No 6th year maintenance as per approved SZ Scheme.
			1.5 SZ RDF 18.18 ha	0.000	0.000	0.000	0.00	0.00	0.00	No 6th year maintenance as per approved 1.5 SZ Scheme.
		Total Bonai Division		0.000	0.000	0.000	0.00	0.00	0.00	
		Total		2.630	2.630	0.000	13917.96	0.00	13917.96	
3	City	Bhubaneswar-Puri Road	Avenue Plantation 750 Nos			0			0.00	No 6th year maintenance as per approved Avenue Plantation Scheme.
		Total Avenue Plantation				0			0.00	
		Grand Total		2.630	2.630	0.000			13917.96	
						+ Avenue Plantation 0 Nos				

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Abstract of Anciliary activities

Sl No	Name of the Division	Total Cost of anciliary activities (In Rs)
1	Keonjhar	25963621
2	Rourkela	2817639
3	Bonai	8347411
4	Sundargarh	19864720
5	Angul	7586178
6	Cuttack	1596393
7	Dhenkanal	17841069
8	Koraput	53321988
9	Rayagada	28512529
10	Kalahandi South	0
11	Sambalpur	11459
12	Jharsuguda	123455
	Total	165986462

Other Ancillary Activities Keonjhar Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Barbed Wire Fencing		LBCD		Staggered Trench		EPA		Total (In Rs)
					Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	
1	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	CA	117.9648	8.6 Km @ 629917/- per Km @ 280/- MD	5417286	0	0	0	0	0	0	5417286.20
2	Keonjhar	Diversion of 41.2442 ha of forest land for the broken up area out of proposed diversion of 117.9648 ha of forest land (216.3617 ha proposed originally) for mining of iron ore in Gandhamardan Block A of M/s OMC Ltd.	PCA	166.940	5.095 KM @ 629917/- per Km @ 280/- MD	3209427	2 mts Span 82 Nos @ Rs. 5920/- per Structure	485440	166.94 ha (As per approved Scheme)	1061738	As per approved Schem,total amount for EPA is Rs1976023/-For 1st year amount to be released is Rs. 197602/- (Rs1976023/10 years)	197602	4954207.12
							3 mt Span 94 Nos (As per approved Scheme)	1194646					1194646.00
3	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, wideningand strengthening of existing two lane of NH-215 from 0.00 Km to 163.00 Km by NHAI (Panikoili-Remuli Section)	CA	303.880	0	0	1 Mts Span 120 Nos (as per approved scheme)	346920	0	0	0	0	346920.00
							2 Mts Span 140 Nos (as per approved scheme)	828800					828800.00
							3 Mts Span 160 Nos (as per approved scheme)	2033440					2033440.00
							4 Mts Span 40 Nos (as per approved scheme)	859040					859040.00
4	Keonjhar	Diversion of 151.94 ha forest land for four/six laning, wideningand strengthening of existing two lane of NH-215	10 time tree plantation	501.600			1 Mts Span 200 Nos (as per approved scheme)	538600	250 Nos per Ha over 501.60 Ha @ Rs.14000/-	7022400	As per approved Schem,total amount for EPA is Rs5116320/-For Ist	511632	8072632.00

from 0.00 Km to 163.00 Km by NHAI (Panikoili-Remuli Section)	2 Mts Span 100 Nos (as per approved scheme)	533900	per Ha (16800/300x250) @ Rs.280/- per MD	year amount to be released is Rs. 511632/- (Rs.5116320/10 years)	533900.00	
	3 Mts Span 50 Nos (as per approved scheme)	559900			559900.00	
	4 Mts Span 50 Nos @ Rs. 23257/- per structure @ Rs. 280/- MD	1162850			1162850.00	
	Total	8626713	8543536	8084138	709234	25963621.32

Other Ancillary Activities Rourkela Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Stone Wall Fencing		LBCD		Percolation Pit		Others		EPA		Total (In Rs)
					Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	
1	Rourkela	Diversion of 77.94 ha of forest land including 2.562 ha of safety zone area for development of mining infrastructure in Toda RF in ML-162 of M/s Steel Authority of India Ltd.	CA	63.628	1450 Mtr (As per approved Scheme)	1616750	1 Mt Span 25 Nos (As per approved Scheme)	72275	480 Nos (As per approved Scheme)	15360	Solar Fencing 2 RKM (As per approved Scheme)	400000	As per approved Schem,total amount for EPA is Rs 781299. For 1st year amount to be released is Rs. 78130/- (Rs.781299/ 10 years)	78130	2182515
							2 Mt Span 30 Nos (As per approved Scheme)	177600							177600
							3 Mt Span 36 Nos (As per approved Scheme)	457524							457524
				Total		1616750		707399		15360		400000		78130	2817639

Other Ancillary Activities Bonai Division

SI No	Name of CA Division	Name of the Project	Component	Area in Ha	Stone Wall Fencing		LBCD		Total
					Quantity	Amount in Rs.	Quantity	Amount in Rs.	
1	Bonai	Diversion of 77.94 ha of forest land including 2.562 ha of safety zone area for development of mining infrastructure in Toda RF in ML-162 of M/s Steel Authority of India Ltd.	PCA	217.82	5450 Mts (As per approved Scheme)	6076750	1 Mt Span 73 Nos (As per approved Scheme)	211043	6287793
							2 Mt Span 86 Nos (As per approved Scheme)	509120	509120
							3 Mt Span 122 Nos (As per approved Scheme)	1550498	1550498
				Total		6076750		2270661	8347411

Other Ancillary Activities Sundargarh Division

SI No	Name of CA Division	Name of the Project	Component	Area in Ha	Barbed Wire Fencing		Brush Wood Fencing		Bamboo Twig Fencing		Agave Fencing		LBCD		Staggered Trench		Percolation Pit		Others		Total
					Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	
1	Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	CA	177.798	7.663 Km @ 62991 7/- per Km @ 280/- MD	482705 3.97	0	0	0	0	0	0	1 Mts Span 21 Nos (as per approved scheme)	60711	7.663 Km(as per approved Scheme)	150195	0	0	4 No gate (as per approved scheme)	3200 0	506996 0
													2 Mts Span 30 Nos (as per approved scheme)	177600							177600

													2 Mts Span 15 Nos (as per approved scheme)	190635							190635	
2	Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	1.5 SZ	2.50	0	0	Cost of fencing as per approved scheme	25353	0	0	0	0	0	0	0	0	150 Nos (As per approved Scheme)	6900	0	0	32253	
3	Sundargarh	Diversion of 88.899 ha forest land including 1.665 ha Safety Zone within total mining lease over 653.828 ha in Garjanbahal OCP by M/s MCL Ltd.	Gap Plantation	19.54	0	0	0	0	0	0	0	0	LBCD in 34.26 ha (as per approved Scheme)	286600	In 34.26 ha (as per approved Scheme)	439000	Percolation tank in 34.26 ha (as per approved Scheme)	469000	Cattle Proof trench 4500 metres (as per approved Scheme)	693000	446700	
4	Sundargarh	Diversion of 60.058 ha forest land for laying 2nd 765 KV?DC transmission line from Jharsuguda Pooling Station at Kenapali to Dharamjayagarh Pooling Station near Korba in Chhatisgarh State by M/s PGCIL.	CA	120.116	7.68 @ 62991 7/- per Km @ 280/- MD	483776 2.56	0	0	0	0	7.68 Km @ 4520 per 40 RMT as per approved Scheme @ Rs 280/- MD	8678 40	1mt span 4 Nos (as per approved Scheme)	11564	6000 Nos (as per approved Scheme)	240000	1080 Nos (as per approved Scheme)	6912 0	0	0	602628 7	
													2mt span 4 Nos (as per approved Scheme)	23680							23680	
													3mt span 2 Nos (as per approved Scheme)	25418								25418

5	Sundargarh	Diversion of 60.058 ha forest land for laying 2nd 765 KV/DC transmission line from Jharsuguda Pooling Station at Kenapali to Dharamjayagarh Pooling Station near Korba in Chhatisgarh State by M/s PGCIL.	Dwarf Tree Plantation	51.094				18042 Rmt @ Rs 114/- per Rmt (1st year cost @ Rs 280/- MD)	2056 788				200 Nos per ha over 51.094 ha @ Rs. 11200/- per Ha @ Rs. 280/- per MD	572253				262904 0.8
6	Sundargarh	Diversion of 18.910 ha Rev forest land for construction of 765 KV/DC transmission line from Pooling Station at Kenapali to Darlipali STPS of NTPC Ltd. By M/s PGCIL.	CA	37.82				3150 RMT 1st year cost @ 113/- per Rmt with Rs 280/- MD as per approved Scheme	3559 50	1mt span 2 Nos (as per approved Scheme)	5783.10							361733 1
										2mt span 2 Nos (as per approved Scheme)	11840.12					11840 12		
										3mt span 1 Nos (as per approved Scheme)	12709.30					12709 3		
7	Sundargarh	Diversion of 18.910 ha Rev forest land for construction of 765 KV/DC transmission line from Pooling Station at Kenapali to Darlipali STPS of NTPC Ltd. By M/s PGCIL.	Dwarf Tree Plantation	16.085				5758 Rmt @ Rs 114/- per Rmt (1st year cost @ Rs 280/- MD)	6564 12				200 Nos per ha over 16.085 ha @ Rs. 11200/- per Ha @ Rs. 280/- per MD	180152				836564
				Total		966481 7		25353	2713 200	1223 790		338594 1	158160 0	5450 20		7250 00	198647 20	

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Other Ancillary Activities Angul Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Barbed Wire Fencing		Square Net Fencing		Others		Total
					Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	
1	Angul	Diversion of 1.23 ha of forest land as per Sabik record for setting up Railway siding by M/s Global Coal Mining Private Ltd.	CA	1.23	0	0	520 RMT @ 288 per RMT @ 280/- MD	149760	0	0	149760
2	Angul	Diversion of 440.53 ha of forest land including 3.80 ha SZ in Hingula-II OCP Expansion Phase-II by M/s MCL	CA	882.00	No Ancillary activities	0	0	0	0	0	0
3	Angul	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	1.5 SZ	4.20	No Ancillary activities	0.00	0	0	0	0	0
4	Angul	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	Gap Plantation	49.59	11.489 RKM (as per approved scheme)	7238070	0	0	Soil Conservation measures over 49.587 ha (as per approved scheme)	198348	7436418
				Total		7238070		149760		198348	7586178

Other Ancillary Activities Cuttack Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Barbed Wire Fencing		Total
					Quantity	Amount in Rs.	
1	Cuttack	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	82.00	No Ancillary activities	0	0
2	Cuttack	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	20.00	No Ancillary activities	0	0
3	Cuttack	Diversion of 330.972 ha of Sabik Kissam forest land as on 25.10.1980 in addition to already diverted forest land of 73.697 ha in Sukinda Chromite Mines by M/s Tata Steel Ltd.	Gap Plantation	28.60	3.736 Km (as per approved scheme)	1596393	1596393
				Total		1596393	1596393

Other Ancillary Activities Dhenkanal Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Barbed Wire Fencing		Trench Fencing		Others		EPA	
					Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.
1	Dhenkanal	Diversion of 141.872 ha of forest land for construction of Angul-Duburi-Sukinda Road New BG Rail link project (98.70 Km) by East Coast Railway.	CA	192.00	0	0	3.00 Kms (As per approved Scheme)	432000	0	0	0	0
2	Dhenkanal	Diversion of 240.672 ha forest land including 2.776 ha SZ within the total ML area of 690.00 ha for Ananta Extension OCP (Phase-III) of M/s MCL Ltd.	CA	482.00	18.61 KM (as per approved Scheme)	7374399	0	0	18.61 Km elephant proof trench (as per approved scheme)	7444000	As per approved Schem,total amount for EPA is Rs 6626697/- 1st year amount to be released is Rs.662670 (Rs.6626697/10 years	662670
								Cleaning of heavy woody growth 482 ha (as per approved scheme)	1928000			
				Total		7374399		432000		9372000		662670

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Other Ancillary Activities Koraput Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Barbed Wire Fencing		LBCD		Staggered Trench		Others		Total (Rs)
					Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	Quantity	Amount in Rs.	
1	Koraput	'Diversion of 11.377 ha of forest land for construction of 220KV (S/C) transmission line on DC tower from existing 220/33 KV sub-station of OPTCL at Laxmipur to premises of NALCo at Damanjodi in Koraput District by M/s NALCo Ltd.	CA	23.00	No Ancillary activities	0	0	0	0	0	0	0	0
2	Koraput	'Diversion of 11.377 ha of forest land for construction of 220KV (S/C) transmission line on DC tower from existing 220/33 KV sub-station of OPTCL at Laxmipur to premises of NALCo at Damanjodi in Koraput District by M/s NALCo Ltd.	Dwarf Tree Plantation	9.00					Staggered trench, gully plugging, drainage, trumps line treatment etc as per approved Scheme	660000	Showing Bhui Neeem Seed 9 ha as per approved Scheme	282600	942600
											Agara/ Vasanga Plantation with bamboo twig fencing over 9 Ha 1st year cost as per approved scheme	1285000	1285000
3	Koraput	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	96.419	8.935 Kms (Cost as per approved Scheme)	4017176	0	0	0	0	0	0	4017176

Other Ancillary Activities Rayagada Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Barbed Wire Fencing		Brush Wood Fencing		LBCD		Others		EPA		Total	
1	Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	274.031	14.538 Km (Cost as per approved Scheme)	6536285	0	0	0	0	0	0	0	0	6536285	
2	Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	Gap Plantation	35	No Ancillary activities										0	
3	Rayagada	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali	Soil Conservation	200					1440 Nos of different size (8' - 330 Nos, 10'-286 Nos, 12'-284Nos, 15'-274 Nos, 20'-266Nos)	16777 000	Vetiver planting 6 Ha (as per approved scheme)	22400			16799400	
											Seed sowing on bunds	50000 0				500000
											Contour bonding	29067 75				2906775

		Bauxite Mines by M/s OMC Ltd.								Vegetative palisade	80000		80000		
										Green Fence	341120		341120		
4	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Baplilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	CA	233.343								Total amount deposited for EPA is Rs.3341717. For 1st year amount to be released is Rs 334172/- (Rs.3341717/10 years)	334172	334172	
5	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Baplilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	1.5 SZ	23.64		23.64 ha @ 9600/- per ha(1st year cost as per approved Scheme @ 280/- MD)	226944			Posting of RCC Pillara 17 Nos (As per approved Scheme)	6800	As per approved Scheme, EPA amount deposited is Rs. 96876/-	96876	330620	
6	Rayagada	Diversion of 233.343 ha of DLC forest land including 10.283 of Safety Zone in Baplilimali Bauxite Mines by M/s Utkal Alumina International Ltd.	Gap Plantation	37.53				2 Mts Span 21 Nos (as per approved scheme)	149373			As per approved scheme, EPA amount deposited is Rs. 303788/- for 3 villages	303788	453161	
							3 Mts Span 17 Nos @ Rs. 13588/- per structure @ Rs. 280/- per MD	230996			230996				
				Total			6536285	0	226944	0	17157369	0	3857095	734836	28512529

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Other Ancillary Activities Kalahandi South Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Remarks
1	Kalahandi South	Diversion of 434.935 ha forest land (428.075 ha forest land within Kodingamali Bauxite Mining lease including 18.098 ha Safety Zone and 6.86 ha of forest land outside the ML area for construction of approach road to the mining lease) for mining of Kodingamali Bauxite Mines by M/s OMC Ltd.	CA	46.387	No Ancillary activities

Other Ancillary Activities Jharsuguda Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Agave Fencing		Total
					Quantity	Amount in Rs.	
1	Jharsuguda	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	CA	16.387	Green Fencing with Agave	123455	123455
				Total		123455	123455

Other Ancillary Activities Sambalpur Division

Sl No	Name of CA Division	Name of the Project	Component	Area in Ha	Agave Fencing		Total
					Quantity	Amount in Rs.	
	Sambalpur	Diversion of 17.908 ha of forest land for expansion of existing Integrated Steel Plant by M/s SMC Power Generation Ltd.	CA	1.521	Green Fencing with Agave	11459	11459
				Total		11459	11459

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Revised Projected Requirement of Funds for Compensatory Afforestation for APO 2019-20

Sl No	Type of Activities	Component		Amount (Rs in Lakhs)
1	First Year Planting			
	(A) Current CA			
	(i) CA,PCA to be carried out during 2019-20	Block (in Ha)	526.6382	1155.51086
		ANR (in Ha)	2689.0020	
		Bald Hill (in Ha)	314.7300	
	(ii) 1.5 SZ,Gap Plantation,Soil Conservation,10 time tree plantation, awareness programme etc. to be carried out during 2019-20	Block (in Ha)	20.786	664.48091
		ANR (in Ha)	1661.5630	
		Bald Hill (in Ha)	155.7470	
	(iii) Other Ancillary activities to be carried out for above plantations as per approved site specific schemes.			1659.86462
	(B) Left over CA and Canal Bank plantation of early years			
	(i) Left over CA and Canal Bank Plantation	ANR (in Ha)	4.48	28.06835
		ANR without GapPlantation (In Ha)	93.17	
		Canal Bank Plantation (In RKM)	31.1	
	Total First Year of 2019-20			3507.92474
2	Second Year Maintenance of 2018-19 Plantations			
	(A) Current CA			
	(i) CA,PCA to be carried out during 2018-19	Block (in Ha)	133.4519	106.75717
		ANR (in Ha)	1066.2507	
	(ii) SZ,1.5 SZ,Gap Plantation,CATP,Avenue Plantation,10 time tree plantation, Awareness Programme etc. to be carried out during 2018-19	Block (in Ha)	10.449	9.26608
		ANR (in Ha)	79.301	
		Bamboo Plantation (in Ha)	0	
		Agave Plantation (in Ha)	0	
		Vetiver Grass Plantation (in Ha)	0	
		Other Stipulation	2300 No tree plantation	
	(B) Backlog CA carried out during 2018-19 as per 5 Year Action Plan and as confirmed by concerned DFOs.			
	(i) Back log CA against Old Projects carried out during 2018-19	Block (in Ha)	75.6975	59.56889
		ANR (in Ha)	613.3067	
	(ii) Back log CA out of Problematic CA area carried out during 2018-19	Block (in Ha)	0	11.38822
		ANR (in Ha)	152.38	
	(iii) Backlog CA target surrendered during 2017-18 and carried out during 2018-19	Block (in Ha)	0	19.47102
		ANR (in Ha)	0	
		Bald Hill (in Ha)	48.25	
	(C)Surrendered Target of 2016-17 APO (Planting Year 2017-18) carried out during 2018-19			

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(e)	CA and PCA carried out during 2018-19	Block (in Ha)	3.22	5.97054
		ANR (in Ha)	72.8047	
(f)	Avenue plantation and Median Plantation of 2016-17 APO (Planting Year 2017-18) to be carried out during 2018-19	Avenue Plantation	7000 Nos	16.49963
Total Second Year Operation (A)+(B)+(C)				228.92155
3 Third Year Maintenance of 2017-18 Plantations				
(a)	Third Year Maintenance of 2017-18 CA,PCA,Addl CA to be carried out during 2019-20	Block (in Ha)	6.353	47.81919
		ANR (in Ha)	1036.822	
		Bald Hill (in Ha)	65	
(b)	Third Year Maintenance of 2017-18 SZ,1.5 SZ,CATP,Avenue Plantation to be carried out during 2019-20	Block (in Ha)	0.646	70.85203
		ANR (in Ha)	36.424	
		Avenue Plantation	44681 Nos	
(c)	Third Year Maintenance of 2017-18 Backlog CA, to be carried out during 2019-20	Block (in Ha)	3.238	38.72869
		ANR (in Ha)	1739.993	
(d)	Third Year Maintenance of Surrendered CA Target of 2017-18 to be carried out during 2019-20	Block (in Ha)	69.46	90.68218
		ANR (in Ha)	1796.027	
		Bald Hill (in Ha)	87.00	
		Other Stipulation	100 Tree Plantation	
Total Third Year Maintenance (a)+(b)+(c)+(d)				268.08209
4 Fourth Year Maintenance of 2016-17 Plantations				
(a)	Fourth Year Maintenance of 2016-17 CA,PCA,Addl CA to be carried out during 2019-20	Block (in Ha)	418.0045	44.53398
		ANR (in Ha)	2570.8924	
(b)	Fourth Year Maintenance of 2016-17 SZ,1.5 SZ,Avenue Plantation to be carried out during 2019-20	Block (in Ha)	34.83	67.73249
		ANR (in Ha)	760.792	
		Bald Hill (in Ha)	168.00	
		Avenue Plantation	27300 Nos	
		Other Stipulation		
(c)	Other Ancillary activities(Watch & Ward) for 2016-17 Plantations as per approved scheme to be carried out during 2019-20			20.03339
Total Fourth Year Maintenance				132.29986
5 Fifth Year Maintenance of 2015-16 Plantations				
(a)	Fifth Year Maintenance of 2015-16 Plantations to be carried out during 2019-20	Block (in Ha)	528.7797	58.73213
		ANR (in Ha)	3336.293	
(b)	Fifth Year Maintenance of SZ,1.5 SZ and Avenue Plantation of 2015-16 Plantations to be carried out during 2019-20	Block (in Ha)	32.619	42.49976
		ANR (in Ha)	259.3	
		Avenue Plantation	35382 Nos + 30.44 RKM	
(c)	Other Ancillary activities(Watch & Ward) for 2015-16 Plantations as per approved scheme to be carried out during 2019-20			15.33548

(68) 700

Total Fifth Year Maintenance				116.56737
6	Sixth Year Maintenance of 2015-16 Plantations			
(a)	Sixth Year Maintenance of 2014-15 Plantations to be carried out during 2019-20	Block	415.858 ha	64.04345
		ANR	4754.014 ha	
(b)	Sixth Year Maintenance of SZ, 1.5 SZ and Avenue Plantation of 2014-15 Plantations to be carried out during 2019-20	Block	2.63 ha	0.13918
		ANR	0.00 ha	
		Avenue Plantation	0 Nos	
Total Sixth Year Maintenance				64.18263
7	Preliminary Operation to be taken up during 2019-20 for carrying out Plantation in 2020-21 (Tentative)	Block	500 Ha	566.23558
		ANR	4000 Ha	
		Bald Hill	200 Ha	
		Grand Total		4884.21382

● Division/location wise details of activities under Site Specific Wildlife Conservation Plan

1. Utkal Coal B2 Mines - Angul District/ Angul Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
Activities within the project Impact Area (Zone of influence)			
1	Fire Protection: (a) Wages of Elephant Trackers with uniforms and equipments	Koshla	2.00
	d) Habitat improvement & Deweeding over 100ha	Koshla	10.00
	d) Salt licks & Maintenance	Koshla	0.50
2	Fire Protection: Support to VSS	Koshla	2.00
3	IGA activities	Koshla	2.00
4	Awareness promotion	Koshla	2.00
5	Computer, Printer & other accessories	Koshla	1.00
8	Unforeseen expenses	Koshla	0.50
Total:			20.00

2. Utkal D Coal Mines of OMC - Angul District/ Angul Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Activities to be taken up inside lease hold area		
	Plantation (Preferably with fodder, bamboo, Fruit bearing Species)	Raijharan	3.00
2	Public Awareness	Raijharan	0.50
3	Corpus funds		2.50
4	Activities to be taken up outside lease hold area		
	Protection of forest including support to VSS/ Boundary maintenance	Raijharan	2.00
5	Fire Protection	Raijharan	1.00
6	Deweeding, Control burning etc.	Raijharan	2.90
7	Creation of Water source by digging 3 or 4 game tanks	Raijharan	3.00
8	Distribution of Seedlings to promote farm Forestry In area	Raijharan	3.00
9	Public Awareness/ Capacity Buildings	Raijharan	1.00
10	Anti-depredation Squad with cost of equipments	Raijharan	3.15
11	Cost of Vehicle/ POL/ Maintenance etc.	Raijharan	3.60
12	Corpus funds for paying Compassionate Grant	Raijharan	2.00
13	Unforeseen & Miscellaneous	Raijharan	1.00
Total			28.65

3. Bharatpur Open cast coal mining - Angul District/ Angul Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Habitat Improvement: Improvement of Forest Area (ANR with Gap Plantation)	Bulajhar RF	25.20
2	Creation of two nos of large Water bodies		5.00
3	Reducing man-animal Conflict: a)Engagement of 2 motivators for creation of awareness	Bulajhar RF	2.00
4	b)Supply of improved seeds & other inputs for change of cropping habitat for 200 families	Bulajhar RF	2.00
6	d) Supply of crackers, search light etc.	Bulajhar RF	2.00
9	g) Creation of awareness in the forest fringe villages	Bulajhar RF	2.00
10	Prevention of Forest Fire: a) Fire watcher		3.00
12	c) Incentive to forest fringe villages for 10 villages	Bulajhar RF	2.00
13	d) Fire line tracing		4.00
14	Wildlife Protection Squad: a) Engagement of anti poaching squad	Bulajhar RF	10.00
15	b) Supply of logistics such as fuel, search light, weapons & camping material	Bulajhar RF	2.00
7	Development of Kanheijena-Anantapur Elephant corridor	Bulajhar RF	10.00
8	Intelligence Collection	Bulajhar RF	1.00
9	Monitoring and Evaluation	Bulajhar RF	2.00
10	General provision for equipment, vehicle, mobility etc	Bulajhar RF	2.00
Total:-			74.20

4. Estt. of 2x600 MW Power Plant by M/s JITPL - Angul District/ Angul Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Protection of Forests: (i)Funding of VSSs for protection of forest assigned to them 5VSSs	Kaniha	5	0.50	2.50
2	Fire Prttection Measures: (i) Creation of network of fire lines	Nialu-Lodhajhari-Sapkata RF	5	0.25	1.25
	(ii) Assistance to VSSs	Nialu-Lodhajhari-Sapkata RF	5	0.25	1.25
	(iii) 5nos of fire Control Squad	Nialu-Lodhajhari-Sapkata RF	4	1.68	6.73
	(iv) Wages to vicinity villages to combat forest fire	Nialu-Lodhajhari-Sapkata RF	15	0.2243	3.36

3	Creation/Maintenance of Waterholes: (i) (a) Renovation of water body/ponds to retain water in foothills of Phuljhari RF	Phuljhari RF	1	3.00	3.00	703	
	(i)(b) Creation of new pond at Tangri RF & Kiajhara RF	Kiajhar RF	1	3.00	3.00	692	
	(iii) Creation of waterholes on nala beds/river bed in Kaniha Range Tikira River with HDPE lining	Tikira River	100	0.01	1.00		
4	ANR with Gap Plantation @ 200 Plants/ha: (i) in Dhenkuli RF in Kaniha Range over 20ha & Maintenance	Dhenkuli RF	20	0.05888	1.18		
	(ii) (a) in Madhapur RF in Purunagarh Range over 45.25ha & Maintenance	Madhapur RF	45.25	0.05888	2.66		
5	Bald Hill Plantation: (a) in Poipaladanda (Dalak) RF in Kaniha Range over 25.5ha	Poipaldanda (Dalak) RF	25.5	0.74233	18.93		
6	SMC measures: (i) Staggered Trenches, Loose Boulder Structure, Half-moon Trench, Gully plugging by vegetative method	Kiajhar RF			10.00		
	(ii) SMC Measure to prevent nala bank	Tikira River			5.00		
	(iii) Two spurs covered with woven wire mesh 30ft length & 45 ft length at 120 angle over Tikira river in kaniha Range	Tikira River			5.00		
7	Creation of Salt Licks: 6nos. in barking deer and other ungulates populated forest blocks	Nialu-Lodhajhari-Sapkata RF			0.75		
8	Creation of Corpus Funds	Kaniha			4.00		
9	Awareness driver and signboards	Kaniha			2.00		
10	Meetings of monitoring Committee	Kaniha			0.50		
Total:						72.115	

5. Estt. of Integrated Steel Plant & Power by Jindal Steel Power Plant Ltd. - Angul District/ Angul Division

SL. No.	Component	Location	Total Amount (Rs.in lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
B	Activities to be taken up outside lease hold area		
1	Protection of forest including support to the VSS/boundary maintenance /Pillars Construction etc.	Nisa	2.00
2	Fire protection including fire line/Incentives to VSS/equipment/squads	Nisa	3.00
4	Creation of game tanks and renovation and maintenance of old game tanks, water bodies, wallowing grounds etc in interior forest area	Nisa	10.00
6	Public Awareness/ Capacity Buildings	Nisa	2.00
7	Protection/ Anti-depredation squad with cost of equipments, Incentives, hiring of vehicle & etc.	Nisa	11.00
9	Solar Fencing its maintenance	Nisa	10.00
10	Immunization of livestock	Nisa	1.00
11	Development of communication network/GIS based maps	Nisa	5.00
12	Population Control & Monitoring		2.00
13	Development of Infrastructure like VHF Sets/towers, watch towers, Communication equipments like telephone/computers, peripherals, environmental campaign equipments, repair of staff quarters/ Check gate	Nisa	7.50
15	Unforeseen & miscellaneous expenses	Nisa	1.00
Total:			54.50

6. Sukinda Chromite Mines of M/s TATA Steel Ltd. - Dhenkanal District/ Dhenkanal Division

788
693

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Creation of 25 Nos. of WHS in Ranjagarh RF	K. Nagar East Range, Inside Ranjagarh RF	2 Nos.	4.00	8.00
2	Engagement of Anti-depredation and anti-poaching Squad consisting of 10 persons	K. Nagar East Range at Dandadhara	1 Squads	14.50	14.50
Total:-					22.50

7. Rehabilitation and Up-gradation (Four laning of Cuttack-Angul Section of NH-42 (Now-55) from 0 km. to 112 km. - Dhenkanal District/ Dhenkanal Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)			
1	2	3	4	5
1	Fruit & Fodder Plantation	Kapilash Sanctuary area	20 Ha.	10.50178
		Bompa RF	10 Ha.	
		Mathragudi RF	10 ha.	
2	Bald Hill Plantation	Majuri RF	20	4.89436
3	WHS	Bompa RF	1	25.00
4	Elephant Proof trench Fencing	Majuri RF	10 RKM	61.70
5	SMC Measures	Bompa RF	1	27.50
		Mathragudi RF	1	27.50
7	Fire line Maintenance	Bompa RF	25	0.56075
		Matharagodi RF	25	0.56075
8	Modern Fire Fighting Equipment	Dhenkanal	5	3.00
		Hindol	5	3.00
9	Incentive to VSS/EDC	Dhenkanal Range	5 VSS	1.00
		Kapilash Range	5 EDC	1.00
10	Monkey/Bear Management Team (MMT)	Dhenkanal Range	1(05 Persons)	3.032
11	Deployment of Antidepredation Squad	Dhenkanal Range	1(10 Persons)	14.500
12	Deployment of Animal Tracker	Dhenkanal Range	1(02 Persons)	2.150
Total:-				185.89964

8. Esst. of 6 MTPA Integrated Steel Plant at Badakerjeng by - Angul District/ Satkosia WL Division

705
(694)

SL. No.	Component	Location	Total Amount (Rs. in lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	6. Public awarness/ Capacity Building in both Angul (T) and Satkosia (WL) Division		2.00
2	7. Protection / Anti-depredation squad with cost of etc for 10 years in both Angul(T) & Satkosia (WL) Division		11.00
3	10. Immunization of livestock in both Angul (T) & Satkosia (WL) Division		0.50
4	13. Development of infrastructure like VHF sets/ towers, watch towers, communication equipments like telephones / computers, peripherals, environmental camping equipments, repair of staff quarters/ check gates and maintenance in both Angul (T) and Satkosia (WL) Division		5.00
5	15. Unforeseen & miscellaneous in both Angul (T) and Satkosia (WL) Division		1.00
Total:-			19.50

9. M/s Odisha Cement Plant - Cuttack District/ Athagarh Division

SL. No.	Component	Name of District	Name of Division	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)						
1	2	3	4	5	6	7	8
1	Preliminary Operation	Cuttack	Athagarh	Ranibania RF	50	3752.35	1.88
				Subasi RF	50	3752.35	1.88
2	Creation of Water Body	Cuttack	Athagarh	Subasi RF	1	450000.00	4.50
3	Anti Depredation Squad	Cuttack	Athagarh	Athagarh Range	1	146406.80	14.64
Total							22.89303

10. Chromite Mines of M/s. Balasore Alloys in Mahagiri DPF - Cuttack District/ Cuttack Division

706
695

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Plantation of fodder spp & meadows/bamboo plantations/Soil and moisture conservation/check dams	Sukinda & Tomka Range	1.50
2	Cost of vehicle & POL for 10 years (Vehicle to be delivered in PCCF(WL) office	Sukinda Range	10.00
3	Fire prevention measures	Sukinda Range	0.00
4	Water holes/game tanks	Sukinda Range	5.60
5	Improvement and maintenance of Salt licks, wallowing grounds and other wildlife conservation measures	Sukinda Range	0.60
6	GIS based maps Satellite maps on GIS domain should be procured every year to know the changing profile of the project area in both dry season and wet season for 10 years preferably using the GIS lab of PCCF(WL), Odisha.	Sukinda Range	2.00
7	Pollution control and monitoring mechanism to be develop in consultation with State Pollution Board	Sukinda Range	1.00
8	Awareness camps/sinages etc.	Sukinda Range	0.50
9	Health camps for villagers & Vaccination of cattle	Sukinda Range	0.50
10	Contingencies	Sukinda Range	0.00
Total:-			21.70

11. Daitary & Daitary Extension Area of M/s. OMC LTD.- Jajpur District/ Cuttack Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Wages of Fire Watcher	Sukinda & Tomka Range	8.40
2	Fire Fighting Incentive -5 villages	Sukinda & Tomka Range	3.00
3	Awareness Promotion	Sukinda & Tomka Range	2.00
4	Corpus fund	Sukinda & Tomka Range	10.00
5	Immunisation of live stock	Sukinda & Tomka Range	1.00
6	(a) Photo voltaic power fencing to safeguard along Railway track for 3 Km. Distance (for both side 3+3) = 6 Km	Sukinda & Tomka Range	20.00
	(b) Maintenance of Photo - voltaic power fencing@ Rs.0.3125 lakh/km/yr (for 8 year)	Sukinda & Tomka Range	10.00
7	Safeguard along road (signages)	Sukinda & Tomka Range	1.00
8	Bio-diversity Park in Mahagiri DPF	Sukinda & Tomka Range	60.00
9	Bald Hill-35 Ha. (Out of 47 Ha.)	Deuli of Dalijora Range	7.40
		Paikarapur inside Kantigadia PRF of Dalijora Range	
10	Contingency and Misc.	Cuttack Forest Division	1.00
Total:-			123.80

12. Kaliapani Chromite Mines of M/s. BALASORE ALLOYS LTD- Jajpur District/ Cuttack Division

707
696

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Enrichment AR over 40 Ha.	Ashokjhar in Mahagiri DPF	2.01
2	SMC in forest through LBCD(2 Nos)	Sukinda Range	0.50
3	Awarness Campaign	Dalijora Range / Sukinda Range / Tomka Range	0.50
4	Bio-diversity Monitoring	Cuttack Forest Division	0.50
5	Ant-Depredation Squad	Cuttack Forest Division	17.85
6	Management of Interface of Human-animal Conflict	Cuttack Forest Division	1.20
7	Infrastructure Support	Cuttack Forest Division	10.00
8	Monitoring Supervision & Evaluation Cost	Cuttack Forest Division	0.60
9	Veterinary Health Camp & Immunization Cattle	Cuttack Forest Division	1.00
Total:-			34.16

13. Kaliapani Chromite Mines of M/s. BALASORE ALLOYS LTD- Jajpur District/ Cuttack Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Protection of Forests/deployment of squads (a) Engagement of one unit of Forest Protection squad (10 persons) and one Unit of Elephant Protection squad (10 persons) for 10 years (20 x Rs.150 x 30x x 12 x 10 yrs) and cost of Fuel and hiring charges of vehicles @ Rs.9.00 lakh/Yr x 2 x 10 years as per cost norms of CAMPA	Dalijora Range	35.70
	(b) Funding of 10 nos. of VSS for protection of forest and fire protection measures for 10 year @Rs.0.25 lakhs per VSS annually in phase wise (one VSS each year) for 10 years	Dalijora Range	0.25
2	Managemetn of interface between Human and Wildlife Anti-depredation equipments like Crackers, Handheld battery operated Loudspeaker, Spot lights, Verolite pistol (Flare Gun), Torch Lights and Uniform @ Rs.1.50 lakhs annually (Rs.1.50 lakh X 10 yrs)	Dalijora Range	1.50
3	SMC measures (i) Soil and Moisture conservation measures by erection of check dams and staggered trench in Kaliamba complete treatment of the block (L.S)	Dalijora Range	2.00
4	Fire Management (1.Fire watcher-10 Nos, 2-Fireline cutting-10 Km)	Dalijora Range	4.70
5	Awareness drive & signages	Dalijora Range	1.00
6	Infrastructure Development	Dalijora Range	10.00
7	Meeting of Monitoring Committee	Dalijora Range	0.50
Total:-			55.65

788
(697)

14. ANGUL-DUBURI SUKINDA ROAD NEW BG RAIL LINK PROJECT BY EAST COAST RAILWAY, BBSR - Jajpur, Jagatsinghpur & Cuttack District/ Cuttack Division

SL. No.	Component	Name of District	Name of Division	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Urban Plantation-10000 Nos.	Jajpur	Cuttack	Madhapur of Sukinda Range	5.94
2		Jajpur	Cuttack	1-Nadiabhanga(P-I) 2-Nadiabhanga (P-II) 3-Press Club (P-III) 4-Kapileswar Mahabidyalaya (P-IV) of Tomka Range	-
3	Medow Development in Dhaltangarh PRF	Jagatsinghpur	Cuttack	Dhaltangarh PRF	1.00
4	Renovation of Ponds	Jajpur	Cuttack	Dalijora Range / Sukinda / Tomka Range	5.00
5	Wildlife Protection and Anti-depredation- Elephant Trackers	Jajpur / Cuttack	Cuttack	Dalijora Range / Sukinda Range	17.94
6	Uniform & Surveillance	Jajpur / Cuttack	Cuttack	Dalijora Range / Sukinda Range	2.00
7	Camp Equipment	Jajpur	Cuttack	Sukinda / Tomka Range	1.00
9	Fire Watchers	Jajpur	Cuttack	Sukinda / Tomka Range	5.85
10	Corpus Fund	Jajpur	Cuttack	Cuttack Forest Division	2.00
11	Hiring of vehicle with wages of Driver, Fuel	Jajpur	Cuttack	Sukinda / Tomka Range	10.00
12	Monitoring & Elevation	Jajpur	Cuttack	Sukinda / Tomka Range	1.00
Total:-					51.73

15. Sukinda Chromite Mines of TATA STEEL LTD - Jajpur District/ Cuttack Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Bald Hill-10 Ha.	Jhumpana of Sukinda Range	2.11
2	Avenue Plantation	Garhmadhupur to Kustira via Antira	10.50
3	Avenue Plantation	Baligari to Aruha	
4	Avenue Plantation	Rankia to Bandhagoan	
5	Avenue Plantation	Pobal to Botolanda	
6	Avenue Plantation	Phuljhar to Bangarkota	
7	Creation of WHS	Cuttack Forest Division	

8	Creation of Fireline-10 Km.	Cuttack Forest Division	2.00
9	Fire Fighting modern equipement	Cuttack Forest Division	3.00
10	Provision of Fuel & mainteance	Cuttack Forest Division	3.00
11	Corpus Fund	Cuttack Forest Division	2.00
12	Anti-depredation Squad - 10 Nos X 11,410/-	Jajpur Road Range	17.85
13	Solar Fencing	Cuttack Forest Division	8.00
14	(d) Infrastructure support provision of one vehicle (Model No.407)	Cuttack Forest Division	14.00
16	(f) Rescue equipment's such as chains, ropes, cages, etc.	Cuttack Forest Division	3.00
17	(g) Supply of modern equipment's GPS 4 nos. @ Rs.30,000 each, Digital camera 4 nos. @ Rs. 50,000 each, Binocular 2 nos. @ Rs. 50,000 each camera trap 6 nos. @ Rs.25,000 each, Night vision binocular 1 nos. and night vision goggles 2 nos.	Cuttack Forest Division	1.00
18	Awarness around forest fringe villages	Sukinda & Tomka Range	1.00
19	Monitoring & Evaluation	Sukinda & Tomka Range	1.00
20	Bio-diversity study	Sukinda & Tomka Range	1.00
Total:-			77.46

16. Four/Six lanning, widening & Strengthening of existing two lane of NH-215 within (Panikoilli to Remuli-136 km - 11.892)- Jajpur District/ Cuttack Division

SL. No.	Sub-component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Creation of Awarness	Jajpur Road Range	1.40
2	Wild animal resuce equipments such as Chain, Rope, Search lights etc.		1.05
Total:-			2.45

17. Construction of Railway Line From Jakhapur to Steel Plant Site at Kalinganagar by TATA STEEL LTD-
Jajpur District/ Cuttack Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Urban Plantation	Tomka Range	113.620
2	AR Plantation	Pankapal DFP	12.11
3	Fireline creation over 5 Km	Tomka Range	5.50
4	Anti-depredation Squad - 10 Nos X 11,410/-	Jajpaur Road Range	17.85
5	Cost of Fuel, Wear & Tear for 1 vehicle	Jajpaur Road Range	10.00
6	Compassionate Payment grant	Cuttack Forest Division	3.00
7	Display of signage on the Railway Line	Jajpaur Road Range	2.00
8	Monitoring Equipments	Jajpaur Road Range	0.55
9	Rain Water Management	Pankapal DFP	20.00
10	Research Activity	Jajpaur Road Range	2.00
Total:-			186.63

18. Kalarangi Chromite Mines of M/S. OMC LTD - Jajpur District/ Cuttack Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Engagemnet of 10 wildlife protection/Anti-depredation Squad (community Forester) from members of VSS / Gram Sabha	Sukinda Range	17.85
2	Creation of Awarness	Sukinda Range	2.00
3	Improvement to habitat from Wildlife- ANR - 45 Ha.	Sukinda Range	3.00
4	WHS with masonary spillover across perinal Nallhas	Sukinda Range	5.30
5	SMC- Check Dam	Sukinda Range	0.50
6	Straggered Trenches	Sukinda Range	1.50
7	Artificial saltlick	Sukinda Range	1.00
8	Development of Pasture along banks of Nallah	Sukinda Range	0.50
9	Fire Management	Sukinda Range	4.20
10	Incentive VSS	Sukinda Range	2.00
11	Immunisation of Cattle	Sukinda Range	2.00
12	Secret fund for informer	Sukinda Range	0.50
13	Distribution of Seedlings to 8 VSS	Sukinda Range	2.00
14	Monitoring of Evaluation Training	Sukinda Range	0.50
Total:-			42.85

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O / 1st Yr. / 2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Vana Sahayak (2 Nos)	Sukinda Range	1.20
2	Plantation over 50 ha. To boost food and cover for wild animals + Stone wall fencing	Sukinda Range	14.91
2	Fire Prevention incentive	Sukinda Range	0.50
3	Fire Watcher - 3 Nos	Sukinda Range	0.90
4	(i)Fireline Creation over 4 Km	Sukinda Range	0.45
5	Stone - Check Dam over 5 km Nallah bed	Sukinda Range	1.00
6	Seeding of pelletised grass seeds & gully plugging	Sukinda Range	4.00
	Farm Forestry - 1 Lakh seedlings	Sukinda Range	9.00
7	Eco-development Micro Credit to 3 SHGs	Sukinda Range	4.50
8	Solar Power Fence over 5 Km	Sukinda Range	5.00
	Metal bins	Sukinda Range	0.30
	Corpus funds	Sukinda Range	1.00
9	Secret fund for informer	Sukinda Range	0.50
10	Immunisation of Cattle	Sukinda Range	0.30
	Bio-diversity monitoring & development of communication	Sukinda Range	2.00
11	Awareness creation	Sukinda Range	0.30
12	Unforseen / Misc.	Sukinda Range	1.00
Total:-			46.86

20. Rehabilitation and Up-gradation to 4 laning of Angul-Sambalpur Section - Angul District/ Athmallik Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)			
1	2	3	4	5
1	Plantation of Fruit & Fodder Species on Both sides of Animal Under passes. (ANR Mode @600 plants per Ha)	Angul Kutasingha	20 Ha.	6.909
2	Creation of Water holes		10 Nos.	3.000
3	Creation of Water harvesting Structure	Vdala FS/Northen RF	2 Nos.	10.000
4	Soil & Moisture Conservation		1 No.	7.500
5	Guarding the unguarded wells		100 Nos.	15.000
6	Creation & Maintenance of Fire Lines	Northen RF,	40 Km	0.897
7	Construction of Staff barracks		1 No.	15.000
8	(a) Modern Fire fighting equipments (Blower)		10 Nos.	6.000

9	(b) Fuel & Maintenance		1 No.	1.100
10	Deployment of Anti Depredation Squad		1 No.	14.376
11	Fixation of Birds Nest		130 Nos.	0.545
12	Public Awareness & involvement of VSS	do	20 Nos.	3.000
13	Establishment & Maintenance of GIS Cell	Athmallik	1 No.	10.000
14	Providing Camera Trap	do	10 Nos.	2.500
15	Animal Rescue kit	do	1 set	2.000
Total:				97.8276

21. M/s Lal Trades & Agencies PVT LTD - Mayurbhanj District/ Rairangpur Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Engagement of Anti-depredation Squad	Badampahar	2.5 Nos.	0.09245	2.7735
2	Awareness Programme	Badampahar	5 Nos.	0.19670	0.9835
Total-					3.757

22. Four/Six lanning, widening & Strengthening of existing two lane of NH-215 within (Panikoili to Remuli 136km-11.892) - Keonjhar District/ Keonjhar WL Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)			
1	3	6	7	9
1	Anti-poaching-cum- anti-depredation & Fire protection squad	Anandapur	1 & 1	5.71965
2	Logistics for the squad		1 & 1	0.7
3	Creation of Awareness			0.3
Total:-				6.71965

23. Daitari Extension Area of M/S. OMC LTD - Keonjhar District/ Keonjhar WL Division

7/3
202

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	(a) Wages of 2 Research scholar @ Rs. 18000/-per month x 60 months	Daitari	4.32
	(b) Wages of a Research Asst. @ Rs. 10000/-per month x 60 months		1.20
	(c) Travel & contingencies @ Rs. 4000/- per month for five years		0.48
2	(a) Enrichment Planting 300 ha @ Rs. 95,085/- per ha in JFM mode	Daitari	57.30
	(b) Agave Plantation @ Rs. 3,20,250/- km for 5 Km		2.2250
3	(b) Maintenance of fire line @ Rs. 10,000/- per km including cost of brush wood piles (3rd year for 50km & from 4th year onwards for 100km/yr.)	Khajuribani	16.5000
	Wages of 50 fire watchers @ Rs. 4500/- per month during 5 months a year over a period of 10 years.	Brahmanipal	0.0000
	Fire fighting incentive 10 villages @ Rs. 25,000/- each year.	Daitari	11.2500
4	Elephant habitat & movement path maps preparation in the GIS domain.	Brahmanipal	2.5000
	Wages of 25 Van Sahayak @ Rs. 4500/- per over a period of 10 years	Daitari	3.00
	Awareness promotion(Exposure visits, Signages, meetings and seminars, Prizes)	Daitari	13.50
	(a) Anti-depredation squad 1 no. (Consisting of 5 persons) engaged for 6 months in a year over 10 years @ Rs. 4500/- per person/months	Daitari	3.00
	(c) Supply of crackers @ Rs. 1.00 lakh/year	Daitari	1.35
	(b) Maintenance of photo voltaic power fencing (from 7th to 9th ear @ Rs. 3.0 lakh /years & 10th years Rs. 6.00 lakh)	Daitari	1.50
	Safe guard along Railway (Light Reflectors) 50 nos @ Rs. 20,000/- each including fixing charges.	Brahmanipal	1.00
	Safe guard along Road (Signages)	Brahmanipal	2.37
	(a) Creation of 2 nos water bodies in Rebana RF @ Rs. 5.00 lakh	Daitari	4.00
	(b) Maintenance of water bodies @ Rs. 4.00 lakh each	Daitari	1.00
Creation of 10 nos of Salt licks in Rebana RF @ Rs. 50,000/- each	Daitari	10.00	
5	20% Escalation	Daitari	1.50
TOTAL:			138.00

24. Lower Indra Irrigation Project - Nuapada District/ Khariar Division

SL. No.	Component	Name of District	Name of Division	Location	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	3	4	5	6	9
1	Habitat development of water flow and migratory birds	Nuapada	Khariar	LIIP Project, Tikhali	6.08
2	Enrichment plantation of fruit bearing species and NTFP species in the forest areas around the reservoir		Khariar	LIIP Project, Tikhali	3.04
Total:					9.12

25. M/S Power Grid Corporation of India Ltd for construction of 400KV D/C Baripada Mendhasala Transmission Line- Khordha District/ Chandaka Wildlife Division

774
(703)

SL No.	Component	Location	Total Amount (Rs. in lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Dwarf tree plantation within the project area over 20ha @ Rs 40000/- (ANR@200 Seedlings/ha = 4000 seedlings)	Chudanga R.F.	4.30
2	Enrichment plantation 1600 plants per ha Rs 40000 + 35000(Fencing) = Rs 75000 per ha (Block Model 1600 seedlings per Ha over 14.375ha=23000seedlings) (including cost of fencing)		16.67
3	Fire watchers 3Nos (280x107daysx3nos)		0.90
4	Fire line 10kms layouts@Rs.10000/-km		1.00
5	Antipoaching squad/ Ati depredation squads 5Nos for animal tracking & anti poaching & anti smuggling works (280x187daysx5nos)		2.616
6	Awareness promotion consisting of meeting seminars, prizes etc @ Rs 0.2 lakh per year		0.20
7	Unforeseen & Miscellaneous		0.50
Total:-			26.19

26. Action Plan for Marine Life Conservation including Olive Ridley Conservation - Kendrapara & Jagatsinghpur District/ Mangrove Forest Division (WL) Division

SL No.	Component	Location	Total Amount (Rs. in lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Demarcation of the boundary of Gahirmatha (Marine) Wildlife Sanctuary	Gahirmatha Wildlife Range	20.00
2	Provision of Sea worthy support boat.	Kujang Coast	21.00
3	Constitution of Marine protection squad.	Gahirmatha & Kujang Wildlife Range	30.00
4	Capacity Building & Training of Front line staff		1.00
Total:-			72.00

27. Action Plan for Marine Life Conservation including Olive Ridley Conservation - Puri District/
Puri WL Division

715
204

SL No.	Components	Location	Total Amount (Rs. in lakh)
	(P.O./1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	(b) provision of protection squads	Devi mouth	5.50
2	Provision of Sea worthy support boat.		5.00
Total:-			10.50

28. Construction of Conveyor Corridor and formation of Mines access road of Baphimali Bauxite Mining project of M/s Utkal Alumina international Ltd. - Rayagada District/ Rayagada Division

Sl No	Component (P.O./ 1st Yr./2nd Yr. maint etc to be mentioned)	Total Amount (Rs. In lakh)
1	2	3
1	1. Habitat Improvement: a) Improvement of Forest cover (through Bald Hill plantation) over 7.337 ha. @ Rs.1,63,310/- per ha with 1600 plants/ha. (Wages rate of Rs.150/day)	2.7848
2	2. Cration of Awareness through various activities..	0.50
3	3. Prevention of Forest Fire: a)Wages of 1 plantation watcher-cum-Fire Watcher for 10 yrs @ Rs.5000/- per month throughout the year.	1.11
4	b) Wages of 2 fire watchers @ Rs.5000/- per month from March to June every year for 10 years.	0.68
5	4. Corpus funds for grant of Compassionate payment	10.00
6	5. Monitoring and Evaluation	1.00
Total:-		16.0748

29. Baphimali Bauxite Mines - Rayagada District/ Rayagada Division

Sl No	Component (P.O./ 1st Yr./2nd Yr. maint etc to be mentioned)	Location	Area in Ha/ Unit (in Nos)	Unit Cost	Total Amount (Rs. In lakh)
1	2	3	4	5	6
1	ANR Plantation @200 plants per ha	Udaliasil RF	50 Ha	3752	1.876
		Dandabadi RF	25 ha	3752	0.938
		Kandabindha RF	25 Ha	3752	0.938
Total:-					3.752

30. Kodingamali Bauxite Mines - Rayagada District/ Rayagada Division

776
205

SI No	Component (P.O./ 1st Yr./2nd Yr. maint etc to be mentioned)	Location	Area in Ha/ Unit (in Nos)	Total Amount (Rs.in lakh)
1	2	3	4	5
1	ANR Plantation over 100 ha @ 400 plants per Ha	Kodinga PRF	100 Ha	5.386
2	Soil & moisture conservation			7.500
3	Soil & moisture conservation measures / check dams in ZOI			7.500
4	Ceration of water body (2 No)		2 Nos	12.000
5	Watch towers(2 nos)		1 No	15.000
6	Incentives to VSS for forest protection etc.		5 Nos	2.500
7	Incentives to 5 village co-ordinators		5 Nos	0.500
8	Podu Prevantion / cash crop introduction		5 Nos	2.500
9	Awarencess promotion		5 Nos	2.000
10	Capacity buliding / filed visits		5 Nos	0.500
11	Social Farm Forestry			2.000
Total:-				57.386

31. M/s Balita Iron Ore Mines of Dr. Sarojini Pradhan [Barbil Range] - Keonjhar District/ Keonjhar Division

SL No.	Component	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Contribution to Corpus Fund for Compansionate Grant & other wildlife related activities [inside lease area]	1.00	1.00
2	Fire Prevention Control	0.01	0.01
3	Purchase of Vehicle and POL	1.20	1.20
4	Polluation Control & Monitoring mechanism to be developed in consultation with State Pollution Control Board.	0.50	0.50
Total:			2.71

32. M/s Khatau Narbheram & Co - Keonjhar District/ Keonjhar Division

SL No.	Component	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Habitat Improvement / Plantation with fruit / fodder bearing species (WHS)	1.14	1.14
2	Anti-Depredation Equipments / Squad	1.50	1.50
3	Awareness Promotion	1.50	1.50
4	Bid-Diversity Monitoring & Development of Communication network / GIS Base map. Satelite map on GIS domain every year for 10 year	1.00	1.00
5	Unferseen Expenditure	0.50	0.50
Total:			5.64

33. Baitarani Iron Ore Mines of Dr. Sarojini Pradhan - Keonjhar District/ Keonjhar Division

777
906

SL. No.	Component	Location	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)			
1	2	3	4	5
1	Protection / Anti-depredation measures including hiring of personal / vehicle for squad + two watchers & equipments	Joda Section Area	0.39930 0	0.3993
2	Block plantation with suitable fencing in suitable area including dumps on Terraces for stabilisation / Greenary before final back filling after mine closure	Joda Section Area	2.50	2.5000
3	Polluation Control & Monitoring mechanism to be developed in consultation with State Pollution Control Board.	Champua	0.5000	0.5000
Total:				3.3993

34. M/s Jajang Iron & Mn. Of Rungta Mines Ltd. -[Champua Range] - Keonjhar District/ Keonjhar Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Habitat Improvement with fodder & fruit bearing species, Block Plantation, ANR withgap Plantation, Meadow development, Bamboo Plantation/ SMC/SVC, Salt licks etc	Jurudi Beat	10 ha	5.480	5.480
2	Seedling of Palletised grass seeds after weed removal for 3 consucative years and W/W	Dhanurjayapur KF		4.500	4.500
3	Incentive to VSS	Patabila		1.000	1.000
4	Grants to VSS establishing medicinal plant garden / Training	Champua Range		3.000	3.000
5	Salt Licks	Joda Section		0.500	0.500
6	Anti-potching / Depredation squad with Fuel for 10 year	Champua Range		0.103	0.103
7	Monitoring & Evaluation	Champua Range		0.500	0.500
8	Awareness, Signage, Multimedia, alternative livelyhood	Champua Range		1.000	1.000
9	Unforeseen Expenditure	Champua Range		0.500	0.500
Total:					16.5828

35. Gandhamardan Iron Mines Block-B of M/s OMC Ltd. - Keonjhar District/ Keonjhar Division

SL. No.	Component	Unit Cost	Total Amount (Rs.in lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Eco-Development of Peripheral villages	4.000	4.000
2	Anti-Depredation Squad	1.440	1.440
3	Equipment	1.000	1.000
4	Habitat Improvement / Gap Plantation, Deweeding 250 ha	41.010	41.010
5	Elephant Tracker & Anti-potching squad	6.240	6.240
6	Fire Watcher	2.000	2.000
7	Salt Licks 10 nos	0.600	0.600
8	Immunisation of cattle	0.500	0.500
9	GIS Base MAP	1.000	1.000
10	Monitoring & Evaluation	0.300	0.300
11	Unforeseen Expenditure	0.500	0.500
Total:			58.59

36. Establishment of Iron Ore beneficiation Plant & Tailing Dam M/s BRPL - Keonjhar District/ Keonjhar Division

SL. No.	Component	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Habitat Improvement , weed eradication, meadow development, GAP Planting etc [293 ha]	9.840	9.840
2	Anti-Depredation Squad - 1 No	13.098	13.098
3	Immunation of live stock	0.500	0.500
4	FireProtection Squad	2.100	2.100
5	(Fire) POL, hiring of vehicle	1.650	1.650
6	Incentive to villagers for fire prevention	0.200	0.200
7	Ecological monitoring and research (including census, Digital MAP with computer accessories / GIS MAP	1.000	1.000
8	Information, Education, Communication, Awareness including award	1.000	1.000
Total:			29.388

37. Dalki Mn mines of M/s BPME Ltd C/o- OMDC - Keonjhar District/ Keonjhar Division

779
(208)

SL. No.	Component	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Forest Protection including Support VSS /Boundary Maintanance etc	2.00	2.00
2	Habitat Improvement , Large Scale Plantation/ fodder, bamboo, fruit bearing etc	3.60	3.60
3	Immunisation of livestock	0.50	0.50
4	Development of Communication / GIS Map based	1.00	1.00
5	Monitoring & Evaluation	0.50	0.50
6	Unforeseen Expenditure	0.40	0.40
Total:			8.00

38. M/s Sarada Mines - Keonjhar District/ Keonjhar Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)			
1	Habitat Improvement both in project impact area including with fodder & fruit bearing species Block plantatio and ANR with GAP Plantation with above species, meadow development,, SMC, wallowing grounds development, salt licks, watch tower etc.			2.16
2	Artificial water holes and supply of water through tankers & Creation of water bodies wherever possible / with spillways and mallowing grounds created down stream of spillway with slushy & muddy patch.			3.00
3	Creation & Maintenance of Fire line			0.02
4	Wages of 2 Protection Watcher	Barbil	2 Nos	2.16
5	Maintenance of elephant depredation control & anti-poching squad , equipments, POL, communication, equipments for 10 Years	Barbil	LS	0.65
6	Two anti-potching Squad & 1 Anti Depredation Squad, equiped with semi-permanent accommendation, Drining water facility, VHF Sets	Barbil	1 Squad	5.00
7	Incentive to informer	Barbil	4 Nos	0.20
8	Farm Forestry & Community Forestry & their maitenance	Bileipada	-	3.00
9	Plantation of Medicinal Plants (Initial support to people)			2.00
10	Raising Commercial Nursery for sale of seedlings of farm & horticulture Supply	Bileipada		2.00
11	Purchase of Equipment like TV, CD Player, 16mm Projector, Over head projector & their maintenance	Barbil	LS	1.00
12	Erection of educative signage			0.80

13	Organisation of different competition , field trips and nature camps etc			0.50
14	Purchase of anti-depredation equipments & tranquilising gun with drugs and other accessories			0.75
15	Bio-diversity monitoring & Development of communication network /GIS bases map reg both dry seasons & wet seasons for 10 years.			2.00
16	Unforeseen Expenditure			0.70
17	Development of electric fence around 9 broken up mining patches & mainten for 10 years including extending its as and when area are open for mining on 7 patches out of 9.			4.00
18	Development of 4 large water hole, check dams & their maintance in intervening 616 ha of forest area.			4.00
Total:				33.946

39. Katamati Iron Ore Mines by M/s TATA - Keonjhar District/ Keonjhar Division

SL. No.	Component	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Elephant Spot Light	0.500	0.500
2	Habitat Improvement 100 ha	14.200	14.200
3	Fireline Creation & maitenance 5 Kms	0.200	0.200
4	Engagement of Fire Watcher & Equipment	2.100	2.100
5	Engagement of Anti-poching Squad	4.032	4.032
6	Salt licks Creation & Maitenance	0.500	0.500
7	SMC 100 ha	5.500	5.500
8	Curpos Fund	5.000	5.000
Total:			32.032

40. Four & Six lanning NH-215 from 0 to 163 kms (Panikoili-Remuli Section) of NHA1 - Keonjhar District/ Keonjhar Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	ANR with Gap Pantation 200 plantn/ha Pipilia RF 140 ha (Now Required PO+ Pitting]	Pipilia RF	140 ha	23.500	23.500
2	Elephant tracker cum Protecion Squad / Fire Watcher- no	Keonjhar	1 Squad	5.280	5.280
3	Logistict such as Camping facility equipment / materials	Keonjhar	LS	1.000	1.000
4	Equipment such as light, cracker, night vision	Keonjhar	Ls	1.000	1.000

5	Awareness raising in Forest Fringe Villages	Ghatagaon	LS	0.800	0.800
6	Wages of Driver	Keonjhar	1 No	1.548	1.548
7	POL	Keonjhar	LS	0.960	0.960
Total:					34.088

**41. Khandabandh Iron & Maganeese Mines of TATA -
Keonjhar District/ Keonjhar Division**

SL. No.	Component	Location	Unit Cost	Total Amount (Rs. In lakh)	
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	
1	ANR with Gap Pantation 678.234 Ha PO+Pitting	Balibandha	133.50	133.50	
2	Fire Watcher 10 nos for Five months	Champua Range	2.10	2.10	
3	Clearing Fireline		4.02	4.02	
4	Corpus Fund to be kept as a revolving Fund	Champua Range	3.00	3.00	
5	Awareness raising in Forest Fringe Villages	Balibandh Sec. Ofc	1.00	1.00	
6	Equipment to deal with elephant depredation	Champua Range	2.00	2.00	
7	Provision of Grain Bin		5.00	5.00	
8	Engagement of Anti-poching Squad	Champua Range	13.25	13.25	
9	Logistict such as transport, camping facility & equipment	Champua Range	3.30	3.30	
10	Inteligence Collection	Champua Range	1.00	1.00	
Total:					168.17

42. Unchhabali Iron & Mn Mines of Smt Indrani Patnaik - Keonjhar District/ Keonjhar Division

SL. No.	Component	Location	Unit Cost	Total Amount (Rs. In lakh)	
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	
1	Dellieation of Corridor & Provision of signaging and hoading	Trainline Signage	0.20	0.20	
2	Solar Fencing Maintenance of 10 Year	Patuakudar	2.00	2.00	
3	Annual Repairing Cost @50000/-	Bamebari Sec. Ofc	0.50	0.50	
4	incentive to 2 nos Villages @4000/-	Basantpur	0.08	0.08	
5	Engagement of 2nos Tracker for 10 Years	Champua Range	1.40	1.40	
6	Cost of POL, Supply of Spot Light / Cracker	Champua Range	0.20	0.20	
Total:					4.38

43. Balada Block Iron Ore Mines of M/s Sirajuddin & Co. - Keonjhar District/ Keonjhar Division

722
711

SL. No.	Component	Location	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)			
1	2	3	4	5
1	ANR 178.39 ha		27.00	27.00
2	Meadow Development 5 ha	Nandijhari DPF	2.25	2.25
3	SMC	Mahaparbat DPF	5.00	5.00
4	Engagement of Motivator 2 Nos / Awareness	Bambeari Sec. Ofc	1.20	1.20
5	Anti-potching Squad 5 Nos of 10 Years	Champua Range	5.25	5.25
6	Tenting equipments & anti-depredation gears	Champua Range	0.60	0.60
7	Development of Camp Site	Bambeari Sec. Ofc	3.00	3.00
8	VSS Formation & Entry point activities 5 nos x 2 lakhs	Champua Range	4.00	4.00
9	Fire Watcher 5 Nos	Bambeari Sec. Ofc	1.68	1.68
10	Incentive for Fire prevension to 10 nos villagers	Kaliapal	1.00	1.00
11	Fireline Tracing	Naibuga RF	0.60	0.60
12	Intelligence Collection	Champua Range	1.00	1.00
13	Supply of GPS, Elephant Focus Light, hooter, Mega Phones, Camp Equipment etc	Champua Range	5.00	5.00
Total:				57.58

44. Inganijharan Iron and Mn Ore Mines by M/s Bhanja Minerals Pvt. Ltd - Keonjhar District/ Keonjhar Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Plantation of fruit and fodder species and protection of Forests include creation of WaterBody	Sargitalia		5.00	5.00
2	Anti-Depredation equipments & Training / incentive to squad	Champua Range		0.20	0.20
3	Creation of Permanent / Temporary Water Hole with re-filling in summer	Baitarani A & B RF	5 nos	3.00	3.00
4	Photo-voltaic Fencing	Mutuda	1 RKM	5.00	5.00
5	Corpus Fund	Champua Range		2.00	2.00
6	Development of Communcation Network / GIS Based Maps, Satelite Maps for 10 Years (preferably using the GIS Lab of PCCFWL	Champua Range		1.00	1.00
7	Pollution Levels monitoring mechanism to be developed in consultation with SPC Board to assess pollution of water streams , forest area etc	Champua Range		0.50	0.50
8	Awareness Creation	Champua Range		0.20	0.20
9	Other Unforeseen Expenses	Champua Range		0.20	0.20
Total:					17.10

45. Putulipani Iron Ore Mines by M/s Gandhamardan Sponge Industries Pvt. Ltd. - Keonjhar District/ Keonjhar Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Protection of Forest including support to the VSS / boundary maintenance etc. Development of Anti-depredation / Anti-poaching squad (4 persons)	Anjar		4.150	4.150
2	Fire Protection for 10 years including wages of Fire Watcher (2 Persons)	Suakati		0.840	0.840
3	Creation of one game tank and renovation and maintenance of old game tank, Water Bodies, wallowing ground	Talakaipur		5.000	5.000
4	Habitat Improvement : Plantation preferably with fodder, Bamboo, fruit bearing species / Grass Land / meadows and de- weeding including WW	Naupada - Gandhamardan PRF	250 ANR	3.000	3.000
5	Public Awareness / Capacity Building	Suakati		0.500	0.500
6	Solar Fencing its maintenance	Padakasada		3.000	3.000
7	Immunization of livestock	Suakati		0.500	0.500
8	Development of infrastructure like VHF set/ tower etc communication equipment like telephones / Computers, peripherals	Suakati		1.000	1.000
9	Eco-Development / income generating activities	Suakati		1.000	1.000
10	Unforeseen Expenditure	Anjar		0.200	0.200
Total:					19.19

46. Patmunda Mn Mines M/s (P) Ltd. - Sundargarh District/ Bonai Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Habitat Improvement both in project impact area including with fodder & fruit bearing species block plantation/ ANR with gap plantation with above species, meadow development, Bamboo plantation/Bamboo clumps silvicultural operation etc, soil & moisture conservation measures, wallowing grounds development, salt lick, watch tower, etc	Koira	1	5.00	5.00
2	creation of water body / precolation pits / series of check dams on nalas & rivulets / with spillways and wallowing ground created down stream of spillway with slushy & muddy patch created as wallowing ground for wild animals to wallow & gambol	Koira	1	5.00	5.00
3	Awareness promotion, meeting/ seminar with equipment of multimedia, signages about wild animals presence, training on alternate livelihood activities and supply of kits / machines etc.	Koira	1	0.96	0.96

4	i) Fire watcher 10 nos ii) Fire fighting Equipmet iii) Incentive for fire prevention iv) fire prevention measures with fireline creation / maintenance, fire fighting equipment, incentives to VSS, fire watchers squads etc	Koira	1	1.50	1.50
5	Bio-diversity studies	Koira	1	2.00	2.00
6	Unforeseen expenditure	Koira	1	0.24	0.24
Total:-					14.70

47. Patmunda Mn Mines M/s (P) Ltd. - Sundargarh District/ Bonai Division

SL. No	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Habitat Improvement measures with fruit bearing and fodder species / Bamboo Plantation / meadow development / ANR/ staggered trenches in forest area	Karā RF	50	0.00673	0.3365
2	Creation of water sources in forest areas with wallowing grounds of the down side of spill way by creating muddy and slushy area for wild animals to wallow and gambol	Koira	1	5.00	5.00
3	Anti-Depredation / Anti-Poaching Squad with hired vehicle manpower/ equipment/ barracks/ crackers, megaphone, search light/ flare guns / tents and camping equipment for 10 year including engagement of elephant trackers	Koira	1	14.50	14.50
4	Equipment for 10 year Flash light 30 nos Megaphone-15 nos Mobile phone with SIM card 5 nos Fire cracker Soler light 25 nos	Koira	1	1.00	1.00
5	Creation of fire lines and maintenance of old lines / fire fighting equipment / fire fighting squad/ incentive to VSS prevention of fire as encouragement incentive	Koira	1	1.50	1.50
6	Chek gate = 2 nos 1.0 Remuneration of VSS member = 2nos = 6.01	Koira	1	1.00	1.00
7	Livelihood activity promotion, training supplying of various kits/ machines / equipments/ self-help groups formation / micro credit seed money etc.	Koira	1	5.00	5.00
8	Awareness promotion, signages for wildlife etc	Koira	1	1.00	1.00
9	Biodiversity and animals status monitoring & development for communication network / GIS based maps Satellite maps of GIS domain should be procured from ORSAC every year to know the changing profile of the project area in both dry season and wet season for 10 years preferably using the GIS lab of PCCF (WL), Odisha	Koira	1	2.00	2.00
10	Unforeseen & miscellaneous	Koira	1	0.50	0.50
Total:-					31.8365

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**48. Barsuan - Taldihi -Kalta(ML-130) Iron Mines M/s SAIL
(Lease area-2486.383 ha.) - Sundargarh District/ Bonai Division**

SL No.	Sub-component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O./1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	ANR With Stone wall fencing (300 ha)	Kuliposh/ Tamra	300	0.02443	7.329
2	Bamboo Plantation 500 ha	Kuliposh/ Tamra	500	0.01315	6.575
3	Eradication of weed (200 ha)	Barsuan	25	0.2	5.000
4	Soil Conservation measures/ M. Check Dams (200 ha)	Barsuan	40	0.08	3.200
5	N. Counter trench (50 ha) from 3rd years	Barsuan	10	0.6984	6.984
6	O. Gully Control-agave plantation (100 sites)	Barsuan	20	0.0685	1.370
7	Fire Consequence M. Maintenance of fire line (100 km)	Barsuan	20	0.43	8.600
8	Engagement of fire watcher for 5 months (40 person)	Barsuan	40	0.33645	13.458
9	O. Fire Fighting Incentive (40 VSS)	Barsuan	1	8.00	8.000
10	Water harvesting Structure (WHS) water body 11 nos)	Barsuan	3	6.00	18.000
11	Development of Grass land (50 ha)	Barsuan	10	0.20	2.000
12	Awareness	Barsuan	1	3.00	3.000
13	Monitoring & evaluation	Barsuan			0.000
14	Habitat Improvement measures: Construction of Check dams 9 year 1-5) to Help retain water, spread moist ground and prevent spread of fire maintenance of check dams, Developmet of Meadows	Barsuan	1	5.00	5.000
15	Micro planning for habitat management	Barsuan	1	3.00	3.000
16	Establishment of 10 - Protection camps for each WLRZ. Each camp will have 10 persons who will carry out protection and related activities	Barsuan	2	11.00	22.000
17	Fire Control Measures through EDC involvment	Barsuan	1	1.00	1.000
18	Expenses related to Organusation of meeting, Travel etc	Barsuan	1	1.00	1.000
19	Annual Review of activities by independent consultant	Barsuan	1	1.50	1.500
20	Monitoring of regeneration in forest floor (five plots in five WLRZone)	Barsuan	1	1.00	1.000
21	Survey and mapping of trees used by Gaint squirrel for nesting and feeding	Barsuan	1	0.50	0.50

22	survey and mapping of evidence of carnivores and herbivores	Barsuan	1	0.50	0.50
23	Survey and monitoring of invertebrate diversity	Barsuan	1	0.50	0.50
24	survey and identification Orchid flora with host trees and locations	Barsuan	1	0.50	0.50
25	monitoring of vehicles movement and visitor profile	Barsuan	1	0.50	0.50
26	Research through local institution/Organization (research personnel: two research fellows (One RF academic qualification in commerce IR and Management ; 1 RF a Biologist)(per fellow, fellowship+ HRA Rs25,000/- PM with 7% increase every year) with two field assistants (local youth, knowledge of area matriculate (Rs7,000/- PM per person with 7% increase every year); Travel (Rs15,000/- year) and cost of insurance for life and health (Rs. 30,000/- per year with 7 % increase per year); and misc contingencies	Barsuan	1	8.20	8.20
27	Elephant approach-proof concrete base around electricity poles to be constructed by concrete villageers 30 structures / year	Barsuan	1	5.00	5.00
28	Support to remove danger from shagging of electricity supply lines	Barsuan	1	1.00	1.00
29	reward to villagers for participation in peaceful elephant escort-out operation	Barsuan	1	0.50	0.50
30	Community level discussion for biodiversity management (6 nos / year)	Barsuan	1	1.00	1.00
31	Assistance for setting up green shops 5 number (2nd year onwards)	Barsuan	1	1.00	1.00
32	Assistance for picnic outlets- 5 number (2nd year onwards)	Barsuan	1	1.00	1.00
33	Assistance for developing guide trekking routes 2 nos (1st year onwards)	Barsuan	1	1.00	1.00
34	Publication of brochures, guide booklets, training of tourist guide camp attendant, camp-cook and other categories person	Barsuan	1	0.50	0.50
Total:-					139.716

49. TRB Iron Mines of M/s Jindal Steel & Power Ltd.(Lease area -207.787 Ha.) - Sundargarh District/ Bonai Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Habitant Improvement by developing grass lands Plantation of fruit bearing and fodder species in the gaps and barren areas of the suitable govt. and privat lands @ Rs.30,000/- per ha covering 100 ha.	Toda RF	50	0.02443	1.2215
		Toda RF	50	0.00673	0.3365
2	Farm forestry and distribution of seedlings to villagers Rs.1 lakhs per year for 10 year	Barsuan	1	1.50	1.50
3	Awareness promotion Rs.1 lakh per year for 10 year	Barsuan	1	1.50	1.50
4	Monitoring of water, dust and noises pollution of a species team under the supervision of DEO in consultation with pollution control board-1 lakhs per year	Barsuan	1	1.00	1.00
5	Fire prevention measure lakhs per year	Barsuan	1	1.00876	1.00876
6	Incentive to informants and intelligence collection	Barsuan	1	1.000	1.000000
Total:-					7.56676

50. San Indpur Iron & bauxite Mines of M/s Rungta Sans (P) Ltd (lease area 147.10 Ha.) - Sundargarh District/ Bonai Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (in Rs.)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Enrichment Plantation over 50 ha with fruit and fodder species @ Rs.25,000/- fencing Rs.13,000/- = 38,000/- per ha	Koira	50	0.05888	2.944
2	Tracker (2) x 10 year x 10.54 lakh per year for tracking elephant, drives and anti-poaching work	Koira	1	2.150	2.150
3	Training, meeting, seminars @ 0.50 per year	Koira	1	1.000	1.000
4	Development of communication network / GIS based maps Satellite maps of GIS domain should be procured from ORSAC every year to know the changing profile of the project area in both dry season and wet season for 10 year preferably using the GIS lab of PCCF WL odisha	Koira	1	2.000	2.000
5	Monitoring evaluation	Koira	1	0.400	0.400
6	Contingencies & unforeseens	Koira	1	0.500	0.500
Total:-					8.994

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51. M/s Visal Metallica (P) Ltd.
(Lease area-16.647 ha.) (1st Year) - Sundargarh District/ Bonai Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. in lakh)	Total Amount (Rs. in lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	ANR in dantpat East RF @ Rs.32,466/- per ha with maintenance up to 10th year	Bonai	1	1.00	1.00
2	Forest Fire prevention measures inside Buffer Zone including cost of fire fighting equipment, fire line maintenance and awareness programme for 10 year @ Rs.1.0 lakh per year	Bonai	1	1.00	1.00
3	Maintenance of RF boundary line-cum-fire line of dantpat east RF @ Rs.2,000/- per km for 3 time within 10 year span	Bonai	1	0.22	0.22
4	Eco-Development activities (a) income generating activities: supply of improved variety of horticultural fruit bearing seedlings for 3 years @ Rs.30.00 per seedlings	Bonai	1	1.50	1.50
5	(b) Distribution of fuel efficient chullahs spread over 4 year @ Rs.350/- per chulla	Bonai	1	1.75	1.75
Total:-					5.47

52. Kanther-Koira Mn. Mines of M/s Rungta Mines (P) Ltd.(73.653 Ha.) - Sundargarh District/ Bonai Division

SL. No.	Components	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. in lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	ANR in low scrub hillocks near Sargigarh with Barbed wire fencing	Segasahi	20	0.00673	0.1346
2	Fire Prevention measure with firelines creation / maintenance, fire fighting equipment, incentive to VSS, fire watchers, Squads etc	Koira	1	1.18358	1.18358
3	Bio-diversity studies/	Koira	1	2.000	2.000
4	Van Sahayaks Engagement of Protection Squad / elephant trackers for both anti-poaching and anti-depredation purposes, crackers etc for 10 years	Koira	1	1.61496	1.61496
5	Monitoring and evaluation	Koira	1	0.50	0.50
6	Unforseen & contingencies	Koira	1	0.50	0.50
Total:-					5.93314

53. Nadidihi Iron & Mn. Mines, M/s BICO, Ltd (73.855 Ha. - Sundargarh District/ Bonai Division

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SL No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	ANR for resstroation of habitat over 30 ha @ Rs. 21,325 + fencing Rs.13,000/- = Rs.34,325/- per ha	Koira	30	0.02443	0.7329
2	Enrichment Plantation in Karo-Karampada Corridor 25 ha @ Rs25,000/- per ha	Karo-Karampada	25	0.05888	1.472
3	Tracker for anti-depredation squad 5 nos @ Rs.5,000/- P.M	Koira	5	0.80748	4.0374
4	Fire line 4 km % maintenance @ Rs.15,000/- per km and Rs.5,000/- per km	Koira	50	0.02243	1.1215
5	incentive to VSS 5 nos. for fire protection @ Rs20,000/- each	Koira	1	1.00	1.00
6	Awareness promotion	Koira	1	0.50	0.50
7	Monitoring and evaluation	Koira	1	0.50	0.50
8	Unforeseen & miscellaneous	Koira	1	0.50	0.50
Total:-					9.8638

54. Teherei Mn. Mines M/s BICO. Ltd. (137.46 ha.) (1st Year) - Sundargarh District/ Bonai Division

SL No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	ANR Hillochs near Sargigarh	Segasahi	50	0.02443	1.2215
2	Fire line creation and maintenance / incentive to VSS/Fire watcher	Koira	1	1.00	1.00
3	Seeding of grees in black and scrub/open forest	Koira	1	1.00	1.00
4	Incentive to VSS	Koira	1	0.50	0.50
5	Anti-Poaching /depredation squad with daily wage watchers / staff / POL/ infrastructure etc for 10 years at State level to be allotted by CWLW, Odisha as per need to any Division	Koira	1	2.50	2.50
6	Biodiversity monitoring & development fo communication network	Koira	1	1.00	1.00
7	Awareness promotion	Koira	1	0.30	0.30
8	Monitoring eveluation	Koira	1	0.20	0.20
9	Unforeseen & miscellaneous	Koira	1	0.25	0.25
Total:-					7.9715

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SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	3	6	7	8	9
1	Enrichment Plantation 30 ha with cleaning @ Rs.0.40 lakh / ha	Koira	30	0.16	4.83
2	Grass land development 20 ha @ Rs. 0.30 lakh/ha with weeding over 2 years	Koira	1	3.00	3.00
3	Game Tank creation and maintenance (6.00+2.00)	Koira	2	1.00	2.00
4	Salt licks = 5 nos @ Rs.0.05 lakh each/ year	Koira	1	0.50	0.50
5	Fire watcher (3) @ 0.40 each / month for 5 months (Rs 0.60/ lakh year x 10 year)	Koira	1	2.16	2.16
6	Fire line 10 M wide over 5 km @ Rs20,000/- plus maintenance @ Rs. 0.20 lakhs/ year	Koira	1	1.00	1.00
7	Fire fighting incentive (4 VSS) @ Rs. 0.10 lakhs/ year	Koira	1	0.40	0.40
8	Base line studies pon biodiversity during 1st year & monitoring during 4th , 7th and 10th years	Koira	1	2.00	2.00
9	Elephant depredation squads (1) @ Rs. 2.00 lakh/year	Koira	1	2.11	2.11
10	Solar Street light (5) @ Rs.0.20 lakhs each + maintenance	Koira	1	1.00	1.00
11	Forest cover monitoring through GIS lab in CWLW office vis-a-vis spread/extent of mines	Koira	1	2.00	2.00
12	Promotion of awareness	Koira	1	0.50	0.50
Total:-					21.4961

56. Raikela Iron Mines of M/s National Enterprises - Sundargarh District/ Bonai Division

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SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Anti-Depredation Squad (10) @Rs.1.80 per year x 120 months	Barsuan	1	10.560	10.560
2	Fire line 10.00 Km @ 33,000/- per km & maintenance @ Rs.10,000/- per km including making of brush wood piles	Barsuan	1	3.300	3.300
3	Fire watcher (10) @@Rs 4,500/-x 5 months x 10 year)	Barsuan	1	2.500	2.500
4	Elephant Trackers (2 nos) @ Rs.6,000/-x 10 year	Barsuan	1	2.110	2.110
5	Safeguard along Road (Signages)	Barsuan	1	0.200	0.200
6	Water body (1 nos) Rs.6.00 lakhs in Khandadhar RF including maintenance	Barsuan	1	0.500	0.500
7	Monitoring committee	Barsuan	1	0.100	0.100
Total:					19.270

57. Patabeda Iron & Mn Mines, M/s M.G. Mohanty (19.425 Ha.) - Sundargarh District/ Bonai Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Signage Awareness	Koira	1	0.25	0.25
2	Contingencies & unforeseens	Koira	1	0.29266	0.29266
Total:-					0.54266

58. Tantra Mines of M/s Korp Resource Ltd - Sundargarh District/ Bonai Division

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SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Solar electric fencing	Barsuan	1	5.00	5.00
2	Anti-Poaching/Depredation squad with daily wages watchers/staff/infrastructure etc for 10 year including tracker/ equipments like spot light, crackers etc	Barsuan	1	1.00	1.00
3	Protection of forest/fire including improvement in vegetation	Barsuan	1	1.00	1.00
4	Game tank/salt lick	Barsuan	1	6.00	6.00
5	Awareness Promotion for wildlife conservation and reduction of noise	Barsuan	1	0.25	0.25
6	Monitoring & Evaluation	Barsuan	1	2.00	2.00
7	Unforeseen expenditure	Barsuan	1	0.25	0.25
Total;					15.50

59. Raikela & Trantra Iron Ore mining of M/s Penguin Trading Agency Ltd. - Sundargarh District/ Bonai Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Assisted Natural Regeneration of qualifier species @ Rs.25,000/- + stone fencing Rs.15,000/- per ha. over 50 ha.	Barsuan	1	8.60	8.60
2	Salt Lick (6) @ Rs. 5000/- each	Barsuan	1	1.00	1.00
3	Under farm forestry 3 lakh seedlings area to be distributed in peripheral villages to augment food/fodder firewood/timber supply in the region	Barsuan	1	2.86	2.86
4	Fire Protection - for 10 year c) fire watcher (3) for 5 month @ Rs.2,700/ Rs.4.0 lakh d) fire line (10km) @ Rs.10,000/- per km + Mintenance Rs.5,000/- per km - Rs.5.50 lakhs or say Rs.5 lakhs e) Fire incentive (5 villagrs) @ Rs.18,000/- each Rs.9.0 Lakh Total- Rs.18.0 Lakhs	Barsuan	1	3.40	3.40
5	Development of Game tanks and maintenance including artificial filling of water with pump/carrying water with tanker in summer for filling game tanks etc.	Barsuan	1	10.00	10.00
6	Anti-Depredation measure-10 years a) Tracker (2) whole time @ Rs. 4,000/- PM..... 9.60 Lakhs b) Solar light (24) @ Rs. 10000/- Rs 2.40 lakhs c) Elephant watch (1) @ Rs. 0.80 lakhs / year Rs. 8.0 Lakhs Total- 20.0 Lakhs	Barsuan	1	4.64	4.64
Total:-					30.50

60. Lanjiberna Lime Stone & Dolomite mines of M/s OCL India Ltd - Sundargarh District/ Rourkela Division

Sl. No.	Component (2nd Yr.)	Total Amount (Rs. In lakh)
1	2	3
1	Enrichment plantation (AR) 10 ha. Jhandapahar and Mandira RF with vegetative fencing @ Rs.62,860/- per ha.	5.04000
2	Bamboo plantation 5 ha. in Beneficiary land of 8 villages @ Rs.21,390/- per ha.	0.75378
3	Farm forestry 0.50 lakh seedlings @ Rs.7.73/ per seedling	2.43500
4	Fire line 2 km and maintenance @ Rs.25, 000/- per ha.	0.25000
5	Protection & Fire prevention incentive to 10 villages @ Rs.5,000/- per year.	1.00000
6	Contour trenches 0.5 x .05 x 5m staggered over 25 ha. @Rs.10,000/- per ha.	1.37000
7	Contingency	0.44500
8	Corpus fund	2.00000
Total:-		13.29378

61. Gomardihi Dolomite Quarry of Tata Steel Ltd - Sundargarh District/ Rourkela Division

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Sl. No.	Component (P.O. /1st yr./2nd Yr. etc. Mentioned)	Location	Area (in Ha.) Unit (in Nos.)	Unit cost (Rs. In lakh)	Total amount (Rs. In lakh)
1	2	3	4	5	6
1	Artificial regeneration over 50 ha ANR with gap pltn.	Cudhiali RF	50 ha	0.1248 2	2.83
2	Creation of two water bodies in the treatment area	Chatam RF	2 nos.		5.60
3	Deployment of fire watcher 6 nos	Rajgangpur Range	6 no.		3.02
4	Clearing of fireline 20kms	Chatam RF	20 km	0.028	0.80
5	Provision of Corpus fund	Division			10.00
6	Creation of Awareness	Division			1.00
7	Solar Electric Fencing	Chatam RF		2.5	2.50
8	Anti-poaching-cum-Anti-depredation squads 10 persons	Division	2 Nos.	10.08	20.16
9	Logistic support	Division			5.00
10	Collection of Inteligence to curb Wildlife offences	Division			2.00
11	Monitoring & Evaluation	Division			2.00
12	Provision of POL and contingencies	Division			2.80
Total:-					57.7112

62. Rourkela to Raigarh400KV DC - transmission line by PGCIL Ltd - Sundargarh District/ Rourkela Division

Sl. No.	Component (P.O. /1st yr./2nd Yr. etc. Mentioned)	Location	Area (in Ha.) Unit (in Nos.)	Unit cost (Rs. In lakh)	Total amount (Rs. In lakh)
1	2	3	4	5	6
1	Anti-depredation squads (Each squad having 10 nos.)	Division	2 Nos.		10.80
2	Corpus fund - 10	Division			5.00
3	Solar powered fencing - 10km	Balanda RF	3 rkm		1.00
4	Fire watchers- 5 nos.	Rajgangpur Range	1 No (5 persons)		1.50
5	Fire control equipments	Division			1.50
6	Salt-lick	Haldipani RF	4 nos		1.50
7	Awareness promotion	Division			2.00
8	ANR - 50 ha	Rutukpedi RF/S.Champajharan RF	50 ha.		12.12
9	SMC - 50ha	Rutukpedi RF/S.Champajharan RF	25 ha.		0.50
11	Contingency.				0.40
Total:					36.32

63. Biramitrapur to Barkote NH-23 - Sundargarh District/ Rourkela Division

735
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Sl. No.	Component (P.O. /1st yr./2nd Yr. etc. Mentioned)	Location	Area (in Ha.) Unit (in Nos.)	Unit cost (Rs. In lakh)	Total amount (Rs. In lakh)
1	2	3	4	5	6
1	Improvement of Forest area on Silvicultural Operatio, Cliber cutting in kukia RF (100hax 5 x 280)	Kukia RF		0.01	1.40
2	Creation of large water bodies 2 Nos.	Dhanghar RF/N. ChampajharanRF		4.00	8.00
3	Engagement of Motivator, Creation of awareness	Banki Range	2		0.45
4	Elephant driving equipments, supply of crackers, search light	Banki Range	1		0.40
5	Creation of awareness through various activities (display signboard)	Division			0.40
6	Wages of fire watcher-2Nos. For 5 months, 2years	Banki Range			1.68
7	Fire fighting equipments	Division			2.00
8	Incentive to Forest Fringe Village	Banki Range			0.20
9	Fire line tracing	Banki Range/ BiramutrSapur Range			0.50
10	Creation of bird nest and bird bath along road side	Banki Range/ BiramutrSapur Range			21.67
11	Creation of bird nest and bird bath in Forest area	Banki Range/ BiramutrSapur Range			10.47
12	Intelligence collection	Banki Range/ BiramutrSapur Range			0.20
13	Monitoring Evaluation	Banki Range/ BiramutrSapur Range			0.40
Total:-					47.77

64. Rimuli to Rajamunda NH - Sundargarh District/ Rourkela Division

Sl. No.	Component (P.O. /1st yr./2nd Yr. etc. Mentioned)	Location	Area (in Ha.) Unit (in Nos.)	Unit cost (Rs. In lakh)	Total amount (Rs. In lakh)
1	2	3	4	5	6
1	Creation & maint. of waterbdies	Jharbeda RF	1 No.	10.00	10.00
2	Weed eradication	Thelakudar RF	10 ha		2.77
3	Pltn. of fruit bearing trees-2500 plants	Banki Range			1.00
4	Procurement of camera	Division			2.00
5	Provision of camping	Division			3.00
Total:-					18.77

65. State Highway Sambalpur to Rourkela - Sundargarh District/ Rourkela Division

736

G25

Sl. No.	Component (P.O. /1st yr./2nd Yr. etc. Mentioned)	Location	Unit cost (Rs. In lakh)	Total amount (Rs. In lakh)
1	2	3	5	6
1	Preparation and fixing of 100 nos of artificial nests@500	Rajgangpur Kuarmunda	0.50	0.50
2	Creation and maint. of water hole	Rajgangpur Kuarmunda		2.00
3	Contingency			0.50
Total:				3.00

66. Gopalpur -Jharsuguda Rail Line Project of SE Railway - Sundargarh District/ Sundargarh Division

SL. No.	Component	Locations	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs.in lakh)
	(P.O/1st Yr./2nd Yr. Main etc. to be mentioned)				
1	2	3	4	5	6
1	Artificial Nest	Gopalpur/Hemgir Range		16.77	16.77
2	ANR Pltn 17-18	Goalpur-100ha. Hemgir-50ha.	150	0.02443	4.00
3	ANR Pltn 16-17	Hemgir, Garjanpahad RF	50	0.00673	
4	Water hole for birds bath.	Gopalpur Range		1.80	1.80
5	Anti-Depredation Equipments	Gopalpur Range		2.00	2.00
6	Awareness by VSS	Gopalpur Range		1.00	1.00
7	Prevention of Forest fire	Gopalpur, Hemgir		5.7245	5.73
8	Fireline tracing	Gopalpur Range	10	0.40	0.40
9	Antipoaching cum Anti-depredation Squads	Gopalpur Range	1	8.0748	8.08
10	Monitoring & Evaluation	Gopalpur Range		4.00	4.00
Tota-					43.775

67. Rourkela-Raigarh by PGCIL Ltd. - Sundargarh District/ Sundargarh Division

737
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SL. No.	Component	Locations	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main etc. to be mentioned)				
1	2	3	4	5	6
1	Anti-Depredation squad	Bargaon/Sundargarh/Hemgir Range.		10.80	10.80
2	Solar power fencing	Bargaon Range	10	2.00	2.00
3	Fire watcher	Bargaon/Sundargarh/Hemgir Range.		1.69	1.69
4	Fire Control & equipment (Blower)	Bargaon/Sundargarh/Hemgir Range.	3	1.50	1.50
5	Salt licks	Bargaon/Hemgir Range.	10	0.50	0.50
6	Awareness promotion	Bargaon/Sundargarh/Hemgir Range.	LS	1.00	1.00
7	ANR PLtn.	Sundargarh Range	50	0.160874	8.04
8	SMC	Sundargarh Range	50	0.50	0.50
9	Contingency	Sundargarh/Bargaon Range	LS	0.40	0.40
Total:-					26.434

68. Langiberna Lime Stone & Dolomite OCL Ltd. - Sundargarh District/ Sundargarh Division

SL. No.	Component	Locations	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main etc. to be mentioned)				
1	2	3	4	5	6
1	Enrichment Pltn. AR-16-18	Bargaon Range (Amgova)	10	0.4040	0.40
2	Farm Forestry	Bargaon Range	5000	10.33	0.52
3	Fire line	Bargaon Range	2	0.25	0.50
4	Fire Protection, Incentive to villagers	Bargaon Range	10	0.05	0.50
5	ANR Pltn. 18-19	Bargaon Range (Lamptipahad RF)	100	0.160874	16.08735
Total:-					18.00785

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(227)

69. SSWLCP for Rehabilitation & Upgradation of Tileibani-
Sambalpur Section of NH-6 - Deogarh District/ Deogarh Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Total Amount (Rs. in lakh)
	(P.O./1st Yr./2nd Yr. Main. etc to be mentioned)			
1	2	3	4	5
1	P.O. For 2018-19			
2	Plantation of Fruit and fodder species.	Pradhanpat RF/ along the water course.	10 ha.	4.340
3	Fencing around the Plantations in small patches.	-do-	10 ha.	1.250
4	Construction of check dams/ WHS	Pravasuni RF	1 no.	5.000
5		Kansar RF	1 no.	5.000
6	Improvement of Water holes (1st cycle)	Pravasuni RF	2 nos.	0.400
7		Kansar RF	2 nos.	0.400
8	Deployment of Antidepredation squad	Chatibarghat	1/2 unit = 5 persons	7.385
9	Monkey / Bear Management Team	Deogarh	1 Unit = 5 persons	3.032
10	Modern Fire Fighting Equipments (Fire Blower)	Deogarh	10 nos.	6.000
11	Cattle Immunization Programme	Deogarh	3 nos.	0.600
12	Public Awareness Programme	Deogarh	2 nos.	0.300
13	Activation of VSS and incentive thereof.	Deogarh	1 camp	2.500
14	Maint of Plantation of Fruit and fodder species.	Pradhanpat RF/ along the water course.	10 ha.	1.200
15	Maint. of Fencing around the Plantations in small patches.	-do-	10 ha.	0.250
16	Construction of check dams/ WHS	Pravasuni RF	1 no.	5.000
17		Addl. Kansar RF	1 no.	5.000
18		Kansar RF	1 no.	5.000
19	Improvement of Water holes (1st cycle)	Pravasuni RF	2 nos.	0.400
20		Kansar RF	2 nos.	0.400
21	Construction of Mobile Squad Barrack	Chatibarghat	1 no.	20.000
22	Deployment of Antidepredation squad	Chatibarghat	1/2 unit = 5 persons	7.385
23	Monkey / Bear Management Team	Deogarh	1 Unit = 5 persons	3.032
24	Modern Fire Fighting Equipments (Fire Blower)	Deogarh	10 nos.	6.000
25	Cattle Immunization Programme	Deogarh	3 nos.	0.600
26	Public Awareness Programme	Deogarh	2 nos.	0.300
Total:-				90.775

70. SSWLCP for Rehabilitation & Upgradation of Bhojpur Chhatarbar Section - Deogarh District/ Deogarh Division

739
728

SL No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)			
1	2	3	4	5
1	P.O. For 2017-18			
	Silvipasture (Creation)	Pravasuni RF	10 Ha.	2.23056
	Development of Grass Land/ Meadows	Pravasuni RF	5 Ha.	0.75000
		Kansar RF	5 Ha.	0.75000
	Salt Licks		2 sites	0.20000
	Awareness Camps on Environment/ Wildlife/ Traffic discipline.		1 no.	0.10000
	Creation of WHS	Pravasuni RF	1 no.	4.00000
	Silvipasture (Creation & Maint.)	Pravasuni RF (Maint)	10 Ha.	0.98256
		Kansar RF (Creation)	10 Ha.	2.23056
	Development of Grass Land/ Meadows	Pravasuni RF	5 Ha.	0.35000
		Kansar RF	5 Ha.	0.35000
	Watch Tower	Rambhadevi RF	1 no.	11.00000
	Construction/ Maintenance of Under pass		2 nos.	2.00000
	Salt Licks		2 sites	0.20000
	Fixing of artificial Nest			2.20000
	Awareness Camps on Environment/ Wildlife/ Traffic discipline.		2 nos.	0.20000
	Combating Monkey Menace	Deogarh		0.70000
	Creation of WHS	Pravasuni RF	1 no.	4.00000
	Silvipasture (Maint.)	Pravasuni RF (Maint)	10 Ha.	0.90768
		Kansar RF (Creation)	10 Ha.	0.90768
	Development of Grass Land/ Meadows	Pravasuni RF	5 Ha.	0.250
		Kansar RF	5 Ha.	0.250
	Construction/ Maintenance of Under pass		2 nos.	2.000
	Salt Licks		2 sites	0.200
	Fixing of artificial Nest			2.000
	Awareness Camps on Environment/ Wildlife/ Traffic discipline.		1 no.	0.100
	Combating Monkey Menace	Deogarh		1.700
	Total:-			40.5590

71. SSWLCP for Rehabilitation & Upgradation of Binjabahal-
Tileibani of NH-8 - Deogarh District/ Deogarh Division

740
9/29

SL No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Total Amount (Rs. In lakh)
	(P.O./1st Yr./2nd Yr. Main. etc to be mentioned)			
1	2	3	4	5
1	Habitat Improvement			
	Block Plantation @ 800 plants per ha. In Baldf Hill Norm	Ranjo in Barkote Range	20 ha.	21.993
	ANR Gap Plantation	Badtoila RF	80 ha.	15.18909
		Pradhanpat RF	50 ha.	9.49318
		Panguli RF	30 ha.	5.69591
		Malyagiri RF	40 ha.	7.59455
		Old Paudi RF	20 ha.	3.79727
	Water body/Game tank	Badtoila RF near Mardang.	1 No.	4.00
		Pravasuni RF near Kanteikoli	1 No.	4.00
2	SOIL CONSERVATION MEASURES			
	Gully plugging	Badtoila RF	48 ha.	2.86944
		Paudi RF	32 ha.	1.91296
		Pradhanpat RF	28 ha.	1.67384
		Pravasuni RF	32 ha.	1.91296
		Malyagiri RF	48 ha.	2.86944
		Tamkia RF	12 ha.	0.71736
	Small check dam of 2 mtr.			1.4226
	Small check dam of 2 mtr.			1.1262
3	PROTECTION MEASURES			
	Purchase of LED long range rechargeable torch lights.etc.			0.40209
	Anti depredation squad	Division Office	1 squad (10 persons)	14.110
4	FIRE PROTECTION			
	Deployment of fire watchers for five months.	Deogarh Range	5 nos.	8.0065
		Barkote Range	5 nos.	
		Pallahara Range	5 nos.	
	Deployment of fire fighting squad with hired vehicle for five month.	Deogarh Range	1 no.	5.3025
		Barkote Range	1 no.	5.3025
		Pallahara Range	1 no.	5.3025
	Purchase of fire blower	Deogarh Range	5 nos.	3.00
		Barkote Range	5 nos.	3.00
		Pallahara Range	5 nos.	3.00
	Purchase of POL & Maint. Of Fire Blower	Deogarh Range	5 nos.	0.55
		Barkote Range	5 nos.	0.55
		Pallahara Range	5 nos.	0.55
5	CAPACITY BUILDING			

Training of VSS Members, villagers, SHG groups	Deogarh		0.60
LOGISTIC SUPPORT			
Solar LED light	Deogarh	4 nos.	2.00
Solar LED street light	Deogarh	2 nos.	1.00
Construction of Watch Tower	Samala (Malyagiri RF)	1 no.	20.00
Awareness Camp.	Deogarh Range	2 nos.	0.40
	Barkote Range	1 no.	0.20
	Pallahara Range	1 no.	0.20
Monitoring @ Evaluation and GIS based Map preparation of the study area	Deogarh		0.50
Total:-			160.244

72. Gopalpur Jharsuguda Railine Porject by S.E Rly. - Jharsuguda District/ Jharsuguda Division

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Wildlife Protection (a) Wages of Anti-poaching-cum-Anti-depredation squad, 5 persons @ Rs.6000/- for 10 yrs (5 x 6,000/- x 12 x 10)	Jharsuguda	1	6.87	6.87
2	(b) Logistics such as Fuel, Search Lights, Weapons and Camping materials etc.	Jharsuguda	1	1.00	1.00
3	Water holes for Bird bath	Jharsuguda	1	0.40	0.40
4	Monitoring and elephant tracking	Brajrajnagar/ Belpahar	5	1.20	6.00
Total					14.27

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O./1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	(a) Anti-depredation squads 3 nos. (one each in Sundergarh/Rourkela/Jharsuguda Division) each squad having 10 nos. of local youth will be engaged @ Rs.4500/- per month for 10 years (Rs.54 lakhs per Division x 3)	Brajrajnagar/Belpahar	2	13.73	13.73
2	(b) One hired vehicle (Scorpio) with POL etc to be supplied by PGCIL to Jharsuguda Division @ Rs.40,000/- per month x 120 months	Divn.Office	12	0.40	4.80
3	Solar powered fencing around crop fields in badly affected villages (3) 10 km in each Division @ Rs. 3.00 lakh/km + Rs.10,000/- for maintenance for nine years x 3 Division	Belpahar	1	3.00	3.00
4	(a) Fire Watchers (Sundergarh-5), Rourkela-5, Jharsuguda-5 nos. for 5 months @ Rs.4,500/- each	Brajrajnagar/Belpahar	5	0.42	2.10
5	(b) Fire control equipments Rs.5.00 lakh per Division (5.00 lakhs x 3 Division)	Divn.Office	1	0.50	0.50
6	Awareness promotion	Brajrajnagar/Belpahar	2	0.50	1.00
7	(a) Assisted Natural Regeneration over 200 ha @ Rs.22,200 ha. (Sundargh-50 ha, Rourkela-50 ha and Jharsuguda-100 ha.)	Jhargaon B-PRF/Jhargaon-B VF/Kumar VF/Rajpur PRF	200	0.07	14.11
8	(a) Radio telemetry studies on elephant movement and habitat utilization pattern with monitoring provision. Rs.10.00 lakhs x 3 Divisions	Brajrajnagar/Belpahar	2	0.50	1.00
9	Contingencies	Divn.Office	1		0.40
Total					40.64

74. Samaleswari Coal Project of MCL- Jharsuguda District/ Jharsuguda Division

743
32

SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)				
1	3	6	7	8	9
1	Habitat improvement by developing grass lands, plantation of fruit bearing and fodder species in the gaps and barren areas of the suitable govt. and private lands @Rs.65,000/- per ha. covering 100ha. + 10 ha. meadow @Rs.15,000/- per ha. (maintenance for 7 years)	Lariapali DPF	100 ha	0.24	25.00
2	Soil and moisture conservation measures, check dams on the nallahs, water ways, rivulets etc.	Lariapali DPF	1	1.00	1.00
3	(c) Crop manipulation and introduction of derpedation resistant species of crops for 10 years.	Lariapali DPF	1	1.00	-1.00
5	Income generation activities (eco-development in the villages)	Brajrajnagar	4	0.50	2.00
6	Farm forestry and distribution of seedlings to villagers Rs.1 lakh per year for 10 years.	Brajrajnagar	8045 nos seedlings	12.43	1.00
7	Awareness promotion Rs.1 lakh per year for 10 years	Belpahar	1	1.00	1.00
8	Monitoring of water, dust and noise pollution for a special team under the supervision of DFO in consultation with Pollution Control Board-1 lakhs per years.	Brajrajnagar	1	1.00	1.00
9	GIS based maps and posting of pillars around project area Satellite maps on GIS domain should be procured from ORSAC every year to know the changing profile of the project area in both dry season and wet season-1 lakh per year for 10 years. + assessment of wildlife status in the area every year.	Brajrajnagar	1	1.00	1.00
10	Fast moving vehicles for monitoring patrolling including POL for 10 years.	Brajrajnagar/Belpahar/Divn Office	1	1.00	1.00
11	Fire prevention measures-1 lakh per year	Brajrajnagar/Belpahar	2	0.50	1.00
12	Incentives to informants and intelligence collection.	Brajrajnagar/Belpahar	2	0.25	0.50

13	Garbage disposal	Divn.Office	1	0.40	0.40	7/33
14	Pollution study and analysis (Water, air & noise) under supervision of DFO and guidance by the Pollution Control Board, Bhubaneswar				1.00	7/33
15	Delineation of corridor and provision fo signage and hoardings, Reforestaton & relocation of corridors.	Brajrajnagar/Belpa har	2	0.25	0.50	
16	Infrastructure for interpretation/aids equipments, drinking water facility, purchase of spotlights in crackers, maintenance un-foreseen expenditruue etc. for interpretation & depredation control.	Brajrajnagar/Belpa har	2	0.50	1.00	
17	Training workshop of villagers and leading youth of locality on wildlife menaces and their management with incentive schemes against activities damaging the habitat such as grazing and fire. It is proposed to award adjoining VSS/EDC through incentive for protecting the forest and conservation the wildlife from grazing and fire @Rs. 10,000/- per year (for 10 years -3camps/year + (For training workshop)	Brajrajnagar/Belpa har	2	0.50	1.00	
18	Cost of seeds/ horticultural plants to encourage surrounding villages to drive the pattern of cropping to reduce elephant menace.	Brajrajnagar/Belpa har	2	0.50	1.00	
19	Miscellaneous	Divn.Office	1	0.20	0.20	
20	Unforeseen expenditure	Brajrajnagar/Belpa har	2	0.50	1.00	
Total					41.60	

75. Chhuinpali Quartzite mine by TATA Refractory - Jharsuguda District/ Jharsuguda Division

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SL. No.	Component	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. In lakh)
	(P.O./1st Yr./2nd Yr. Main. etc to be mentioned)				
1	2	3	4	5	6
1	Habitat Improvement and enrichment Plantation over 50 ha. @ 30,000/- per ha.	Belpahar	4.79/3.82	0.29819/ 0.28045	2.50
2	Fire watchers-2 Nos. (3000 x 2 x 5 x 10 years)	Belpahar	2	0.42	0.84
3	Incentive for fire prevention	Belpahar	6	0.05	0.30
4	Anti-poaching squad (3000 x 4 x 12 x 10 yr)	Belpahar	1	4.3	4.30
5	Intelligence collection	Belpahar	5	0.05	0.25
6	Hire charges of Boat for patrolling in surrounding Reservoir area	Belpahar	5	0.2	1.00
7	General provision for equipments, vehicle, mobility, other logistics etc.	Divn.Office	1	1.5	1.50
8	Unforeseen	Divn.Office	1	0.4	0.40
Total					11.09

76. Aluminium Smelter Plan by Aditya Aluminium - Sambalpur District/ Sambalpur Division

Sl No	Component	Location	Area (in Ha.) /Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. in lakh)
	(P.O./1st Yr./2nd Yr. Main. Etc to be mentioned)				
1	2	3	4	5	6
1	Development of Fragmented patch of forest to connect different forest block through ANR	Rengali Range	60 ha.	0.29830	17.89
2	Creation of 7 Nos water holes/WHS by erecting strong dams on 7 Nos streams on the proposed corridor for the elephant	do-		4.46	4.46
3	Creation of 7 Nos artificial salt licks and including maintenance for 5 years by the side of 7 Nos WHS constructed along the corridor	do-		1.00	1.00

4	Fire prevention measure with fireline creation maintenance, fier fighting equipment, incentive to VSS, Fire watcher, squad, etc.	-do-		3.50	3.50
5	Unforeseen	do-		1.00	1.00
6	Cost of barrier to be created like Stone wall fencing, solar fencing, trenches, with or without lining etc. all along the corridor for 30 to 35 K.M length on both side (as the entire adjoining patches or very near to highly industrialised area of Sambalpur/Jharsuguda district at vulnerable points.	do-		10.00	10.00
Total:-					37.85

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A35

77. Talabira I OCP - Sambalpur District/ Sambalpur Division

Sl No	Component (P.O/1st Yr./2nd Yr. Main. Etc to be mentioned)	Location	Area (in Ha.) /Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. in lakh)
1	2	3	4	5	6
1	Inside Leasehold area Plantation with fodder, bamboo, fruit bearing species including watch and ward	Ghichamura-Jarmal RF RF Maulabhanjan	70 ha.	0.19	13.30
2	Salt lick with maintenance		2 Nos	0.10	0.20
3	Forest Protection (Van Sahayak)		4 Nos	1.20	2.40
4	Moisture Conservation and WHS along the existing Nallah water channel		1 year	2.00	2.00
5	Solar Fencing to avoid straining of wild animals into mining area		1 year	3.00	3.00
6	Public Awareness about mining and wildlife		2 years	0.30	0.60
7	Watch & Ward for fire prevention		2 years	0.50	1.00
8	Weed Control		2 years	0.30	0.60
9	Outside Leasehold area (Buffer Zone) (a) Game Tank for 2 years		Ghichamura-Jarmal RF RF Maulabhanjan	2 Nos @Rs.6.0 lakhs	6.00
	(b) Salt lick for 2 years	2 Nos @Rs.0.20 lakhs		0.20	0.40
10	(1)Plantation for 100 ha. (Food & Coverage)	100 ha.		0.19	19.00
11	(2)Seeding of Grass-100 ha. (for 2 years)			2.00	4.00
12	Van Sahayak-2 Nos	2 years		1.20	2.40
13	Moisture Conservation(Contor trench and Check dam)	2 years		3.00	6.00
14	Public Awareness and Capacity Building	2 years		0.40	0.80
15	Fire prevention(5 watchers) for 5 month and Incentive to VSS (for 2 years)	2 years		0.60	1.20
16	Watch Tower	1 Nos		3.00	3.00

17	Anti depredation Squad	1 Squad-2 years	0.60	1.20	736
18	Corpus Fund		1.00	1.00	
19	Livelihood Improvement and Microcredit to VSS/SHG	2 years	1.30	1.30	
20	Altemate avocation (Eco tourism)		5.00	5.00	
21	Community Storage/Godwon/Metal bins		5.00	5.00	
22	Solar Fencing and maintenance	5 K.M	5.00	10.00	
23	Unforeseen		0.30	0.60	
Total:-				96.00	

78. 4 Laning of Angul-Sambalpur Section (NH-42) - Sambalpur District/ Sambalpur Division

Sl No	Component	Location	Area (in Ha.) /Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs. in lakh)
	(P.O/1st Yr./2nd Yr. Main. Etc to be mentioned)				
1	2	3	4	5	6
1	Planting of food and fodder species (ANR) wih 600 plants/per ha.	Sadar/Padiabahal Range	20 ha.	0.38050	7.610
2	Creation of Water Body (WHS)	Dumerchuan-Mundher-1 Nos & Chhamunda-1 Nos	2 Nos	5.00	10.000
3	Construction of Water Hole		10	0.30	3.000
4	Guarding against unguarded wells		50 Nos	0.15	7.500
5	Solar Fencing	Jaranga RF & Lipinda RF	10 RKM	3.00	30.000
6	Construction of Barrack	Jujumura Campus	1	15.00	15.000
7	Deploymen of Anti depredation squad		2 Unit	14.10	28.200
8	Creation of Public Awareness		2 Unit	0.15	0.300
9	Incentives to VSS		2 Unit	0.20	0.400
10	Publication and Distribution of IEC materials		2 Years	0.20	0.400
11	Fixation of Birds nest		0.18	436.11	7.850
12	Safety against Transmission line and Open Substation		1 Unit	5.00	5.000
13	Search Light		40 Nos	0.05	2.000
14	Establishmen of GIS Cell		1 Unit	10.00	10.000
15	Animal Rescue Kit (1 Set)		1 Set	2.00	2.000
16	Trap Camera		10 Nos	0.25	2.500
17	Sinking of Tree well		2 Unit	1.50	3.000
18	20% Cost escalation				26.950
Total:-					161.71

79. 4 Laning of Tilebiani-Sambalpur Section (NH 06) - Sambalpur District/ Sambalpur Division

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Sl No	Component	Location	Area (in Ha.) /Unit (in Nos.)	Unit Cost (Rs. In lakh)	Total Amount (Rs.in lakh)
	(P.O/1st Yr./2nd Yr. Main. Etc to be mentioned)				
1	3	6	7	8	9
1	Elephant Proof trench	Kendrapat RF	3 Nos	5.00	15.00
2	Deployment of Anti depredation squad	Padiabahal Range	1 Unit	12.07	12.07
3	Rescue Van and Rescue Kit	Padiabahal Range	1 Unit	20.00	20.00
4	Hoarding for publicity Awareness	Along the NH 06 (New No.NH 53)	3 Unit	0.30	-0.90
5	cost escalation (20% hike)				9.57
Total:-					57.54

80. Rehabilitation and Up-gradation to 4-Laning of Angul- Sambalpur Section (KM112-to 265) NH 42 (Now NH-55)- Sambalpur District/ Rairakhol Division

Sl. No.	Components	Location	Area (in Ha.)/ Unit (in Nos.)	Unit Cost	Total Amount (Rs.in lakh)
	(P.O/1st Year/2nd Year/Main. Etc to be mentioned)				
1	2	3	4	5	6
1	Fruit & Foddr Species Plantation (A.N.R. 400 seedling per Ha.)	Rairakhol	50 Ha.		3.34
2	Creation of WHS	Hatidhara	1 No.	20.00	20.00
3	Elephant proof Trench	Hatidhara	4 K.M.	6.00	24.00
4	Fire Line creation	Rairakhol	78 KM	0.01	0.61
5	Guarding of Unguarded Wells	Rairakhol	25 Nos.	0.15	3.75
6	Construction of Barrack	Charmal	1 No.	15.00	15.00
7	Deployment of Fire fighting squad	Rampur/ Charmal	1 Squad	3.85	3.85
8	Anti depredation squad	Charmal & Rampur	2 Unit	17.94	35.88
9	Birds Nest	Rairakhol	1900 Nos.		0.019
10	Strengthening of Electric line of 33KV & 11KV coming within ZOI	Rairakhol	2 No.	25.73	25.73
11	Devellopment of GIS cell	Rairakhol	1	10.00	10.00
12	Animal Rescue kits	Rairakhol	1 Set	2.00	2.00
13	Trap Camera	Rairakhol	10 Nos	0.25	2.5

14	DSLR Camera	Rairakhol	1 No.	2.00	2.00	749
15	Projector	Rairakhol	1 No.	2.00	2.00	738
16	Printer	Rairakhol	1 No.	5.00	5.00	
17	Public Awareness	Rairakhol	1 No.	0.15	0.15	
Total:-					155.829	

81. Aluminium Smelter Plant & Captive Plant by M/s Aditya Aluminium - Sambalpur District/ Bamra WL Division

SL. No.	Component	Location	Total Amount (Rs. In lakh)
	(P.O/1st Yr./2nd Yr. Main. etc to be mentioned)		
1	2	3	4
1	Development of fragmented patch of forest to connect different forest blocks through assisted natural regeneration (ANR) practices and plantation of fruit/fodder/palatable species at the rate of 1000 plant per ha. To lure the elephants, @50,990.00 ha. For 275 ha. In the forest corridor (Annexure-1). (75 Ha.)	Bamra WL Division	2.25
2	Creation of 7 nos. of water holes/water harvesting structure (WHS) by erecting strong dams on seven nso of streams on the proposed corridor (about 22 km) for the elephants (Annexure-II)/with spillways and wallowing grounds created down stream of spillway with slushy & muddy patch created as a wallowing ground for wild animals to wallow & gambol.	Badrama WL Sanctuary	1.04
3	Maintenance of corridor by training VSS members including incentives, remuneration of trackers , remuneration of communication squad. Cost of two vehicles, wages of drivers , maintenance of vehicle, awareness camps, publicity, and corpus funds etc , to curb depredation problems, (Annexure-VI), Crime cell, intelligence collection, incentives to informers etc. (Except item No. 5,6,7,8 & 9 of Annexure-VI)		10.00
4	Cost of Barriers to be created like stone wall fencing/solar electric fencing/trenches with or without lining etc. all along the corridor fo 30-35 kms length on both sides (As the entire adjoining patches or very near to highly industrialised areas fo the Sambalpur/Jharsuguda districts) at vulnerable points to avoid straying of elephants in to the habitations especially in areas adjoining to the densely populated/industrialised areas.		10.00
5	Measure to improve Green cover in the Corridor peripheral areas with farm forestry, health camps for local people in project impact area of 10kms radius and their improvement in the areas with Awarness promotion , meetings/seminars with equipments of multimedia, engagement of motivators, singnages about wild animal presence, training on alternate livelihood activities and supply of kits/machines etc. to local villagers on corridor periphery		4.3264
6	Unforseen expenditure		1.00
Total:-			28.6164

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ANNEXURES
PART-III
CAMPA APO 2019-20

Annexure IV-I

Site-wise details of Block Plantation

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Block Plantation @ 1600/palnt/Ha (creation). Rs.49607.25 as per wage rate Rs.280/- per day

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
Angul Circle					
1	Dhenkanal	Ambithi RF	30	N-20° 41' 08.8	E85° 09' 10.0
		Balipasi RF	40	N-20° 48' 55.7	E-85° 58' 0.72
		Khalpal RF	10	N-20°-58' 43.7	E-85° 17' 34.1
		Talcher Border RF	20	N-21° 03' 37.4	E-85° 12' 12.6
		Total-	100		
2	Cuttack	Padiabandha in Binchana PF	17	20 39 01.3	85 58 42.7
		Kamarda	10	21 03 40.87	85 50 22.32
		Bahali Sahi	30	21 03 44.42	85 50 35.53
		Odisha Baniasahidhia (Adjacent to Jagatsinghpur Municipality area)	3	20.22811	86.18749
		Bhadigotha inside Bandhapali PRF	10	20 40 23.06	86 00 36.6
	Total-	70			
	Circle Total-	170			
Bhubaneswar Circle					
1	Khurda	Rameswar DPF	20	19-59-29.20	85-31-26.89
		Nalsingh DPF	10	20-01-11.58	85-29-41.72
		Chakadapathar DPF	10	19-52-17-3	85-14-33.0
		Jharan DPF	10	19-48-15.48	85-04-47.28
		Jharan DPF	10	19-49-05.12	85-04-17.62
		Parikansari Revenue land, Khata No. 253, Plot No. 135 & 145	20	19-47-57.75	85-12-53.44
		Tangeni Revenue land	10	20-04-47.64	85-44-45.64
		Biswanath Rev forest	10	20-04-54.73	85-44-07.40
	Total-	100			
2	Nayagarh		20	N - 20 04 00.53	E - 85 00 25.32
		Kusadhipi RL	20	N - 20 06 15.70	E - 84 54 53.00
		Kalamba RL	10	N - 20 23 31.60	E - 85 00 02.00
		Narayanprasad RL	15	N - 20 23 48.30	E - 85 55 04.60
		Paturia RL	15	N - 19 59 37.63	E - 85 09 55.02
		Jakeda RL			

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		Khajuribania RL	10	N - 20 17 11.00	E - 84 48 47.10
		Total-	90		
3	Puri WL	Samarei Sasan	10	N-20 05 38.6	E-85 51 51.1
		Tikina	10	N-19 51 34.18	E-86 01 20.10
		Total-	20		
		Circle Total-	210		

Berhampur Circle

1	Baliguda	Kilangi PRF	10	N-19-54-18.5	E-83-45-25.3
		Desughati	10	N-19-56-32.47	E-83-33-57.57
		Total-	20		
2	Boudh	Bijapadar V.F	15	N20 44 47.5	E84 12 32.7
		Tarbha V.F	15	N20 44 57.8	E84 09 44.9
		Jadapal V.F	20	N20 41 18.63	E84 03 07.23
		Gopalpur V.F & Gochar	20	N20 43 9.86	E83 57 05.19
		Benges Gochar Land	10	N20 33 05.1	E83 45 24.4
		Badaasur V.F	10	N20 30 05.4	E83 45 37.5
		Gansangudi V.F	10	N-20 41 19.02	E-84 06 19.9
		Total-	100		
3	Gh. South	Khariiguda in Badagada-A UDPF of Badagada range	5	84 19 05.0	19 40 13.0
		Srirampalli in Srirampalli PRF of Badagada range	5	84 21 47.0	19 41 38.0
		Sadangipalli in Badagada-B UDPF of Badagada range	5	84 28 06.0	19 36 17.0
		Ora in Badagada-B UDPF of Badagada range	5	84 28 01.0	19 41 17.0
		Gokulapur in Srirampalli PRF	25	84 20 36.0	19 40 09.0
		Kharikuti, Asurabandha Beat, Pipalapanka RF	15	84 20 09.6	19 48 10.5
		Purunapani Daburia in Polasara Range	5	84 51 8.16	19 42 5.24
		Bhabarada East Beat	15	84 52 13.4	19 44 32.3
		Tangarei RF	5	84 53 12.9	19 47 56.3
		Panchubhuti 'A' RF, Comptt. No. 4	10	84 53 12.9	19 55 27.1
		Karchulli 'B' RF	5	84 52 53.2	19 54 38.6
		Total-	100		
4	Berhampur	Sundarapur	10	N19 23 22.0	E84 54 28.7
		Kumbajhari	10	N19 22 25.5	E84 42 6.9
		Betajhari	10	N19 15 57.1	E84 39 51.5
		Total-	30		
		Circle Total-	250		

Sambalpur Circle

1	Jharsuguda	Naxapali VF	25	N-21-54-57.73	E-84-10-49.72
		Bhatlaida VF	25	N-21-50-50.02	E-84-12-14.7
		Total-	50		

2	Bargarh	Barikel	20	N-21-12-6.963	E-83-40-49.746
		Jhanjapahad PRF	20	N-21-05-52.1	E-83-12-07.7
		Hardatal VF	15	N-20-57-17.8	E-82-58-44.5
		Total-	55		
		Circle Total-	105		
Rourkela Circle					
1	Sundargarh	Ardadungri (Kodbahal)	20	N-21-59-56.9	E-83-38-22.3
		Beheramunda RF (Daghora)	10	N-21-52-35.4	E-83-35-29.1
		Garjanpahad RF (Daghora)	10	N-21-52-58.3	E-83-40-35.9
		Madhupur	10	N-22-01-47.7	E-84-15-44.4
				N-22-00-57.9	E-84-14-53.3
		Sribhabanpur DPF	30	N-22-03-04.1	E-83-56-01.6
		Jhulendihi KF	10	N-22-03-47.3	E-83-52-18.1
		Kulabira KF	10	N-22-04-43.2	E-83-48-05.1
		Total-	100		
2	Rourkela	Ganjur	10	22 25 19.3	85 03 46.5
		Santoshpur	10	22 15 23.1	84 87 52.4
		Bhainsamunda	10	22 02 39.76	84 45 19.51
		Total-	30		
3	Bonai	Bijakuli-Beldihi DPF	20	21 47 19.6	84 53 0.4
		Budhabhuin (Khandadhar PRF)	10	21 36 5.83	85 8 24.63
		Bandhabhuin (Mahulpada RF)	10	21 36 5.83	85 8 24.63
		Total-	40		
4	Deogarh	Kankarkhol PRF	25	21 19 24.647	84 43 51.142
		Kankarkhol PRF	25	21 19 56.909	84 43 25.804
		Kankarkhol PRF	25	21' 20' 20.031	84' 42' 18.542
		Tarang PRF	25	N 21 16 20	E 84 34 5
		Total-	100		
		Circle Total-	270		
Baripada Circle					
1	Baripada	Dighi RF	20	N22 57 59	E86 37 53.3
		Tatapada RF	20	N21 41 42.6	E86 00 34.9
		Belakuti RF	10	N21 389 47.3	E86 42 24.4
		Total-	50		
2	Karanjia	Jambani	5	21 21 57	86 15 44
		Salchua	5	21 18 9.64	86 10 12.87
		Khejuria RF	10	21 32 26.2	86 8 18.6
		Khuntakota	10	21 37 46.3	86 6 54.5
		Hindola RF	10	22 3 28.9	85 43 56.6
		Buruhatu	10	22 4 45	85 48 43.4
		Naksara RF	10	22 6 8.5	85 48 55.7
		Hatalbeda RF	10	21 44 17.7	86 4 21.6
		Paudia RF	10	21 46 43.5	86 5 39.1
		Mahuliasoli RF	5	21 54 2.1	85 50 42.8
		Mahadev Deuli RF	5	21 54 3.8	85 50 42.1
		Near village Chadban	5	22 1 44.2	86 5 45.4

		Budhipat DPF (Near village Pahadpur)	5	22 1 15	86 1 30.1	754 643	
		Total-	100				
		Circle Total-	150				
Bhawanipatna Circle							
1	Kalahandi North	Karlapada	20	20° 5'46.30	83° 6'34.41		
		Borguma	10	N20.154656	E82.941552		
		Purnapani	15	N20 05 26.6	E83 01 18.0		
		Total-	45				
2	Kalahandi South	Niyamgiri RF	50	N 19 68 33.4	E 83 37 38.4		
		Nachniguda RF	50	N 19 65 53.5	E 83 34 87.7		
		Total-	100				
3	Subarnapur	Adakasa	20	N21 02 49.38	E083 42 04.92		
		Anandapur	15	N20 58 11.28	E083 41 37.26		
		Badbahali	20	N20 47 23.37	E83 43 57.57		
		Bandhpali	25	N20 46 57.62	E83 44 45.82		
		Badtenda	20	N 20 36 16.18	E83 36 22.30		
		Total-	100				
4	Bolangir	Bankeda V.F., Balangir Range	15	N20 39 11.1	N83 23 22.3		
			20	N20 37 14.3	N83 30 37.0		
		Tandamunda V.F., Balangir Range					
		Ghagurli Beat (Bender-II), Lathore Range	15	N20 63 08.6	E82 83 72.7		
		Muribahal, Muribahal Range	20	N20 23 39.1	E83 03 10.2		
		Phulmunda VF, Patnagarh Range	20	N20 46 02.4	E83 05 59.5		
		Total-	100				
5	Khariar	Kampur	10	N20.162316	E82.678831		
		Kumudi PRF (Doto)	20	N20 10 51.7	E82 37 43.3		
		Lanji VF	10	N20 15 29.9	E82 40 32.6		
		Jhitki VF	30	N20 58 55.5	E82 36 00.1		
		Barakothi VF	10	N 21 00 17.5	E 82 40 09.3		
		Mahattamtora	20	N 20 53 01.5	E 82 33 41.8		
		Total-	100				
		Circle Total-	445				
Koraput Circle							
1	Koraput	Baraguda	20	N19.824292	E82.953021		
		Marichamal	20	N18.83963	E82.968465		
		Utkapadu	20	N19.05885	E83.78842		
		Podei	20	N18.39572	E82.63894		
		Siprujholla	20	N18.37353	E82.61619		
		Total-	100				
2	Jeypore	Tentulipadar	10	18.3662	82.4542		
		Biriguda	10	19.7078	82.4122		
		Chikatsil	10	19.2203	82.6140		
		Mohulbhatta RF	7	18.5337	82.3741		
		Ghatgumar PRF (N.Bagra)	10	18.4651	82.3349		

		Sindhigaon PRF	5	18.8720	82.9343
		Kadalimunda RF	3	18.5522	82.2245
		Kerimiti-I VF	5	18.8720	82.9343
		Handikhal (Goipadar VSS)	10	18.7472	82.3162
		Sargipadar	10	18.5917	82.4046
		Totapada	10	18.364761	82.28484
		Talagunji	10	18.434968	82.30076
		Total-	100		
3	Nabarangpur	Betajharan RF	20	N19.41306	E82.52122
		Photakote RL	20	N19.55911	E82.92142
		Umrahandi VSS, Patri PRF	20	N19.45102	E82.44054
		Singari RF (Gotiguda)	20	N19.546139	E82.18100
		Hatibena PRF	20	N19.87275	E82.02344
		Total-	100		
4	Malkangiri	Singalbanchha	20	18.545799	82.176550
		Ranginiguda	20	18.305283	82.160568
		Tumapadar	20	18.335152	82.160912
		Batanwada	20	18.21364	81.535690
		Kamarguda	10	18.126978	82.124609
		Rajukonda	10	18.112500	82.104170
		Total-	100		
		Circle Total-	400		
		GRAND Total -	2000		

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Annexure IV-II

Site-wise details of ANR Plantation

Site wise details of ANR Plantation @ 200 Plant/Ha (creation). Rs.20680.80 as per wage rate Rs.280/- per day

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
Angul Circle					
-1	Angul	Antulia Tabada- 6	100	20.80516	84.852
		Devinagar PRF	50	21.00653	84.8252
		Simlipathar RF-1	50	20.58376	84.4827
		Katada RF Comptt-1	50	20.89192	84.7904
		Bramhanbil RF	50	21.03829	84.95328
		Kanheijena RF	100	21.05963	85.10243
		Pathuria Petachira RF	100	20.99305	85.19903
		Total-	500		
2	Athmalik	Kusumkuhuri RF Compt. No.1	50	20 39 15.8	84 40 19.3
		Total-	50		
3	Dhenkanal	Korian RF	50	N-20°40'49.6"	E-85° 33' 15.5"
		Bega RF	25	N-20° 46' 19.39"	E-85° 57' 59.83"
		Lahada B RF	50	N-20° 45' 06.87"	E-85° 50' 34.84"
		Maulabhanja RF	50	N-20° 55'-48.2"	E-85° 40' 32.8"
		Anantapur RF	50	N-21° 00' 18.8"	E-85° 27' 13.0"
		Suniamaru RF	100	N-20° 53' 14.7"	E-85° 32' 43.8"
		Dolia RF	50	N-21-06- 11.6	E-85-24-53.6
		Kandhara RF	50	N-20°-35' 55.1"	E-85° 13' 11.1"
		Koi R.F.	75	N- 20° 39' 14.1"	E- 85° 10' 41.2"
		Total-	500		
4	Athgarh	Kumaranga RF	100	N 20 24 34.5	E 85 27 04.8
		Talachandragiri RF, C/1	100	N 20 28 04.0	E 85 12 59.4
		Khalakhala RF	100	N 20 30 01.0	E 85 43 27.1
		Adala RF	100	N 20 34 08.5	E 85 40 00.3
		Deobhuin RF, C/1	50	N 20 33 46.1	E 85 08 44.0
		Deobhuin RF, C/9	50	N 20 31 19.9	E 85 12 32.3
		Total-	500		
5	Cuttack	Inside Karanji PRF	100	20 40 4.12	85 54 36.42
		Kamarda	100	21 03 23.83	85 50 08.95
		Rathapada	100	21 04 51.16	85 58 58.41
		Deulakana	100	21 05 24.13	85 58 20.38
		Pitajhar	100	21 03 23.98	85 57 41.95
		Total	500		
		Circle Total-	2050		
Bhubaneswar Circle					
1	Khurda	Patia RF, C/5	100	19-56-41.47	85-17-48.99
		Mandalasingh DPF	100	20-12-21	85-16-05

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		Sandha DPF	100	19-53-35.1	85-12-15.2
		Bankad RF, C/4	100	19-51-22.78	85-05-0.02
		Mal RF, C/6	50	19-59-47	85-15-25
		Mal RF, C/14	50	19-57-29.5	85-10-15.3
		Total-	500		
2	Nayagarh	Hatimunda RF C/10	100	N - 20 14 17.51	E - 85 06 55.98
		Sulia RF	50	N - 20 07 20.40	E - 84 58 46.00
		Palva RF	50	N - 20 09 34.80	E - 84 55 32.90
		Hatimunda RF	50	N - 20 17 16.40	E - 84 57 58.70
		Pokharigochha RF C/5	50	N - 20 16 59.17	E - 84 47 15.11
		Guriabari RF	50	N - 20 20 07.90	E - 85 05 29.00
		Gochha RF	50	N - 19 58 18.96	E - 84 59 03.24
		Gochha RF C/18	50	N - 19 56 11.23	E - 84 57 34.56
		Makarapalli PRF	50	N - 20 04 28.36	E - 84 49 04.68
		Total-	500		
3	City Forest	Kajanga DPF	25	20 25 50.35	86 3 52.306
		Mendhasala RF	25	20 28 36	85 71 48
		Total-	50		
4	Chilika WL	Pital PRF	100	N-19°29' 25.58"	E-85°11'54.55"
		Jhinkaria DPF	50	N-19°27' 31.55"	E-85°06'31.32"
		Nandighar DPF	50	N-19°28' 55.55"	E-85°06'58.33"
		Total-	200		
5	Puri WL (@600 Plant/Ha.)	Balukhanda-Konark wildlife sanctuary	400	19 49 38.5	85.56 36.6
		Total-	400		
		Circle Total-	1650		
Berhampur Circle					
1	Phulbani	Dindragaon	100	20 21 58.4	84 08 58.2
		Katimaska	100	20 31 44.1	83 51 17.4
		Pandrisuga	100	20 25 17.3	84 23 19.8
		Panganaju	100	20 12 44.61	84 18 59.51
		Gundabaju	100	20 05 15.1	84 24 03.8
		Padangi	100	20 10 56.5	84 10 48.6
		Penagoberi	100	20 10 15.5	84 15 48.7
		Mallicksahi	100	20 31 31.4	84 18 50.0
		Total-	800		
2	Baliguda	Subarnagiri	200	N-19-53-06.9	E-83-47-47.6
		Rusimal RF	100	N-19-41-22.08	E-84-10-49.24
		Katingia APRF	100	N-19-40-56.8	E-84-09-46.57
		Karjandi	100	N-20-00-17.7	E-83-33-19.54
		Serchengeda	100	N-19-59-52.56	E-83-30-8.27
		Mundimaska	100	N-19-54-02.4	E-83-32-43.1
		Tumudibandha	100	N-19-57-55.6	E-83-42-04.5
		Total-	800		
3	Boudh	Bankamundi R.F C/3	100	N20 40 00.71	E84 20 24.73

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		Panchara RF, Compt. No. 3	50	N20 43 13.09	E84 02 25.2
		Penajore RF, Compt. No. 5	50	N20 38 09.5	E83 59 34.4
		Aragarh RF C/6	50	N20 38 36.21	E84 31 44.42
		Arakhapadar RF C/4	100	N20 33 57.4	E84 37 59.0
		Padhel RF Compt. No. 4	50	N20 30 24.0	E83 46 54.4
		Padhel RF Compt. No. 5	50	N20 29 41.0	E83 46 55.8
		Putputigarh RF Compt. No. 5	50	N20 39 47.02	E83 48 06.53
		Total-	500		
4	GH. North	Gallery RF C/5	50	N 20 59 32.0	E 84 32 23.5
		Gallery RF C/6	50	N 19 57 29.6	E 84 32 42.1
		Gallery RF C/7	50	N 19 59 33.0	E 84 33 34.0
		Gallery RF C/8	50	N 19 59 50.6	E 84 34 32.1
		Gallery RF C/15	50	N 20 01 30.5	E 84 33 09.2
		Gallery RF C/17	50	N 19 95 81.34	E 84 57 11.92
		Kaliamba RF C/5	50	N 19 51 33.6	E 84 35 08.4
		Kaliamba RF C/6	50	N 19 52 29.2	E 84 34 24.2
		Kaliamba RF C/4	50	N 19 50 50.7	E 84 33 30.2
		Kaliamba RF C/2	50	N 19 52 11.7	E 84 31 11.0
		Total-	500		
5	Gh. South	Nagiri RF	100	84.731	19.87272
		Kiriamba RF, Compt. No. 10	100	84.84749	19.83756
		Sodaka 'A' DPF near Sodaka Village	100	84 46 29.8 84 46 28.5	19 44 19.0 19 44 15.4
		Sodaka 'A' DPF	100	84 46 43.64	19 44 31.20
		Sakatapalli in Mundapita RF, Comptt. No.2	100	84 21 16.9	19 44 58.6
		Total-	500		
6	Berhampur	Baniamari RF	100	N19 13 17.0	E84 41 30.8
		Ramaguda RF	100	N19 16 14.4	E84 40 17.2
		Ramaguda RF	100	N19 17 10.2	E84 41 40.0
		Baniamari RF	100	N19 15 03.6	E84 40 13.4
		Babool PRF	50	N19 34 00.7	E85 01 57.8
		Bhallery PRF	50	N19 41 02.2	E85 09 50.7
		Total-	500		
7	Paralakhemundi	ORA RF near Champa Ghati	50	N 19 17 48.3	E 84 20 42.0
		N.Jhalarsingi (Chapulikirama UDPF)	50	N 19 14 28.8	E 84 04 42.6
		Surangi (Sargi Sahi PRF)	50	N 19 03 38.2	E 84 05 36.6
		Tabarada UDPF	50	N 19 04 57.5	E 84 05 52.3
		Atarasing	50	N 19 05 45.6	E 84 09 31.4
		(Manikapur UDPF)			
		Palapur Keredango UDPF	50	N 19 09 17.5	E 84 00 02.1
		Gopalapur	50	N 19 00 63.09	E 84 16 33. 22

		Bhaliasahi	50	N 19 01 38.6	E 84 15 5.73
		Balipur	50	N 18 95 28.1	E 84 16 41.9
		Lorha	50	N 18 93 9.09	E 84 16 06.2
		Krushnapur	50	N 18 91 00.5	E 84 15 90.83
		Gramteli	150	N 18 89 89.7	E 84 17 6.9
		Maringi	100	N 18 81 0.6	E 84 33 0.6
		Total-	800		
		Circle Total-	4400		
Sambalpur Circle					
1	Jharsuguda	Ghagdurngri RF	100	N-21-59-43.78	E-84-22-11.10
		Banrai-A-PRF	100	N-22-00-36.40	E-84-18-04.68
		Pitamal PRF	100	N-21-57-09.12	E-84-08-23.41
		Lamdungri PRF	50	N-21-54-48.23	E-84-20-50.51
		Lariapali DPF	50	N-21-46-01.23	E-84-17-04.96
		Badkhalla PRF	50	N-21-50-13.28	E-84-09-26.2
		Mahulmunda PRF	50	N-21-50-20.3	E-84-06-22.1
		Total-	500		
2	Sambalpur	Dumerchuan-Mundher RF	150	N 21 20 23.1	E 84 04 50.6
		Jaduloisingh-Gunjaghar RF	50	N 21 17 52.57	E 84 00 41.24
		Dumerchuan-Mundher RF	50	N 21 23 17.31	E 84 02 24.56
		Ghichamura Phuljhar RF	100	N 21 41 40.4	E 84 5 49.2
		Chhamunda RF	50	N 21.32.040	E 84.17.604
		Parsalikhman RF	100	N 21.35.095	E 84.34.532
		Total-	500		
3	Rairakhol	Kholgarh R.F	50	21 05 25.91	84 21 55.35
		Kholgarh R.F	50	21 06 20.76	84 18 27.49
		Kholgarh R.F	100	21 04 41.24	84 19 32.29
		Hatidhara R.F	100	21 05 15.9	84 25 25.8
		Landakote RF	50	21 20 14.68	84 18 35.54
		Landakote RF	50	21 19 38.15	84 28 57.13
		Landakote RF	100	21 15 12.68	84 20 57.95
Total-	500				
4	Bargarh	SDBR RF	50	N-21-29-7.7	E-83-21-15.6
		Dechuan RF	50	N-21-38-44.06	E-83-34-30.05
		Maleikhman RF	50	N-21-13-04.4	E-83-14-52.4
		Gandhamardan PRF	50	N-20-46-50.0	E-82-44-51.7
Total-	200				
5	Bamara WL	Kahapani KF	25	22 2 41.19	84 18 48.61
		Rabandihi PRF	20	22 4 14	84 17 47
		Dahamunda KF	30	22 5 25.37	84 19 48.47
		Kinabaga B DPF	40	21 57 44.56	84 30 40.44
		Pravasuni RF	30	21 40 7.7	84 24 10
		Khajuria RF	20	21 40 12.1	84 28 51.6
		Chelkothi KF	10	21 36 33.8	84 20 25.33
		Sauntimal PRF	10	21 33 47.93	84 23 15.83
		Addl Kansar RF	10	21 50 52.8	84 38 51.4
		Budhikuten PRF	30	21 30 49.2	84 12 57.3
		Kisinda PRF	10	21 20 37	84 20 41.9

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		Uradei KF	50	21 19 7.69	84 24 32.47	760
		Asandahala KF	50	21 19 23.5	84 26 4.2	749
		Balasinga KF	15	21 18 4	84 29 28.1	
		Chandrapur KF	50	21 17 53.1	84 33 42	
		Total-	400			
		Circle Total-	2100			

Rourkela Circle

1	Sundargarh	Peruabhadi RF	50	N22 14 39.10	E84 07 38.88
		Kusumura RF	150	N22 16 19.6	E83 59 11.1
		Dhangergudi RF (I)	100	N-22-13-59.07	E-83-45-24.43
		Rohini RF	100	N21 50 59.1	E83 41 29.8
		Sisooapahad RF	100	N21 55 36.8	E83 50 27.3
		Total-	500		
2	Rourkela	S. Champajharan	150	22 08 09.96	84 45 52.39
		Dhumagada	100	22 22 45.5	84 50 18.2
		Chatam	150	22 05 23.2	84 34 54.9
		Kucheita	50	22 04 32.2	84 54 30.5
		Jharbeda	50	22 03 10.4	85 00 47.2
		Total-	500		
3	Bonai	Balia RF	100	22 0 53	84 36 23
		Amrudhi RF	20	21 21 9.5	85 2 25.6
		Sialikudar (Lunga RF)	20	21 39 30.63	85 1 58.37
		Sulabhadihi (Lunga RF)	20	21 43 20.43	85 2 54.21
		Sanjala (Lunga RF)	20	21 44 57.49	85 4 3.31
		Budhabhuin (Khandadhar PRF)	20	21 36 5.83	85 8 24.63
		Ulsura RF	100	21 46 2	84 41 25.21
		Balia RF	100	21 44 36.2	84 41 20
		Toda RF	100	21 55 36.9	85 10 16.8
		Total-	500		
4	Deogarh	Pravasuni RF	100	21 31 7.4	84 33 15.3
		Pradhanpat RF	200	21 33 39.2	84 48 8.86
		Mandasila RF	100	N21 39 42.91	E84 48 52.02
		Badataila RF	100	N 21 35 10.17	E84 54 32.00
		Total-	500		
5	Keonjhar	Atei RF - Ghatagaon	150	21-23-23	85-54-21
		Baunsull RF - Khireitangiri	100	21-44-14.1	85-43-52.6
		Nalapanga RF	50	21-26-30.74	85-40-35.55
		Naranpur RF	50	21-32-39.86	85-37-56.47
		Basantapur RF	50	21-31-35-17	85-39-27.67
		Raghunathpur RF	50	21-36-29.36	85-42-8.91
		Jadipada RF	50	21-45-30.03	85-38-20.88
		Total-	500		
		Circle Total-	2500		

Baripada Circle

1	Baripada	Durgapur RF	50	N21.82776	E86.87798
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		Dalki RF	50	N21.67518	E86.84902	
		Kuliana RF	50	N22 5 17.88	E86 40 38.79	
		Chandua RF	100	N22 05 36.0	E86 44 06.9	
		Suliapada RF-III	50	N22 02 34.8	E86 57 49.0	
		Suliapada RF-I	50	N22 01 02.9	E86 58	
		Dhaundia RF	50	N21 37 21.0	E86 46 36.0	
		Udala RF	50	N21 35 10.9	E86 35 14.5	
		Kuamara RF	50	N21 38 22.5	E86 43 14.7	
		Total-	500			
	Karanja	Satkosia RF	100	21 19 40.6	86 10 50.1	
		Taramara RF	100	21 27 45.8	86 8 51.1	
		Baunsiha RF	50	21 31 9.9	86 6 35.1	
		Banamunda RF	50	21 26 50.6	86 14 50.5	
		Kendumundi RF – II	25	21 39 44.4	86 7 10.2	
		Bisipur RF-I	25	21 43 29.4	86 6 33.4	
		Purunapani-RF	50	21 35 36.6	86 6 4.4	
		Sanbodposi Rf	50	21 48 17.5	86 56 43.3	
		Panpataria RF	50	22 1 53.2	85 43 28.6	
		Total-	500			
3	Rairangpur	Jari R.F.	150	22 20 53.3	86 18 14.0	
		Gorumahisani R.F.	100	22 17 30.4	86 14 11.8	
		Manbir R.F.	50	22 14 40.8	85 59 08.3	
		Total-	300			
4	Keonjhar WL	Atei RF	120	21° 16' 49.68"	85° 59' 52.08"	
		Baranga RF	50	21° 02' 20.97"	86° 04' 13.05"	
		Rebana RF	30	21° 15' 52.00"	85° 38' 12.00"	
				21° 17' 39.00"	85° 39' 42.00"	
		Palaspal RF	250	21° 14' 50.015"	85° 46' 12.106"	
		Rebana RF	20	21° 13' 44.834"	85° 50' 26.514"	
		Rebana RF	30	21° 13' 56.309"	85° 49' 59.593"	
		Total-	500			
		Circle Total-	1800			
Bhawanipatna Circle						
1	Kalahandi North	Dakibundel	100	19°49'4.57"N	83° 6'8.76"E	
		Pattola	100	19°52'47.69"N	83° 5'4.83"E	
		Sinjhran	100	19°54'23.10"N	83° 6'5.54"E	
		Kariapada	200	20° 5'50.40"N	83° 6'19.11"E	
		Mundagaon	100	N20 01 13.4	E83 27 41.9	
		Nuagaon	100	20 03 42.8	82 56 33.8	
		Salegaon	100	20.1304	82.97044	
		Total-	800			
2	Kalahandi South	Sahajkhol RF	200	19 44 51.7	83 36 34.8	
		Sahajkhol RF	300	19 39 10.1	82 35 31.3	
		Sahajkhol RF	100	19 33 56.7	82 37 10.0	
		Udayagiri R.F	100	19 26 28.9	82 52 34.2	
		Roul RF	100	19.73479	83.32697	

		Total-	800		
3	Subarnapur	Goudgad R.F.(A)	100	N21 02 29.96	E84 03 37.47
		Chohatakhol	100	N20 54 38.50	E83 38 45.06
		Ranisarda	100	N20 51 34.66	E83 36 33.30
		Radhiapali	100	N20 56 42.27	E83 58 26.42
		Harinapali	100	N20 58 22.68	E83 56 41.88
		Total-	500		
4	Bolangir	Bender Beat (Bender -I)	50	N20 41 17.7	E82 48 26.9
		Dhaurakhaman Beat (Bender-II)	50	N20 37 22.5	E82 51 37.6
		Karlakhutna Beat (Bender-I)	50	N20 42 22.0	E82 50 49.0
		Rengali Beat (Bender-II)	50	N20 38 09.3	E82 94 33.0
		Muribahal, Muribahal Range	100	N 20 23 57.1	E83 01 47.4
		Bhalukund, Patnagarh Range	50	N20 35 20.4	E83 11 15.0
		Godaramunda, Patnagarh Range	50	N20 35 00.0	E83 08 07.5
		Barghati RF, Sainjala Range	100	N20 31 29.2	E83 21 12.3
		Total-	500		
5	Khariar	SIALLATI INSIDE GHATI PRF	100	N 20 46 45.4"	E 82 34 58.7"
		Darlimunda VF	100	N20 49 49.2	E082 37 05.9
		Dongargaon	100	N20.07924	E082.48011
		Patialpada	100	N20 08 41.0	E082 41 36.88
		Ghantiguda	100	N20 04 26.14	E082 40 45 .03
		Gandabahali	100	N20 08 56.9	E082 41 41.16
		Gobindpur	200	N20 09 59.8	E082 31 29.01
		Total-	800		
		Circle Total-	3400		
Koraput Circle					
1	Rayagada	Gumma RF	100	19.174417	83.264861
		Mirabali RF	100	19.073858	83.526778
		Baridi RF	100	19.019803	83.744490
		Bangi RF	100	19.711173	83.689842
		Thatuni RF	100	19.475879	83.820154
		Total-	500		
2	Koraput	Chanabada	120	N18.97714	E82.93897
		Ramjee	180	N18.95795	E82.96616
		Padua	100	N18.37017	E82.69036
		Jabagada	50	N18.463837	E82.554692
		Nakulapadar	50	N18.68347	E82.54814
		Total-	500		
3	Jeypore	Chipakur	50	18.1650	82.1547
		Majhiguda	50	18.4648	82.1500
		Rupabada	50	18.5005	82.1448

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		Nuaguda (Gajalabadi)	50	18.3500	82.7250	763
		Dhoudapadar	50	18.3567	82.7210	752
		Ghatgumar	50	18.5018	82.3641	
		Sundhiguda	50	18.5231	82.3653	
		Raniguda	50	19.0151	82.2133	
		Asana (Sindhigaon PRF)	100	18.5942	82.2871	
		Total-	500			
4	Nabarangpur	Jagannathpur RF	100	N19.18762	E82.76310	
		Torenga RF(Isarguda)	50	19.479528	82.118000	
		Singisari RF (Mudiguda)	50	19.490833	82.198917	
		Saitipadar (Podagad RF)	50	19.567972	82.176000	
		Hatigam RF (Binayapur)	100	N19.99678	E82.13581	
		Hatigam RF(Rengabhatti)	50	N19.96414	E82.06711	
		Hatigam RF(Hatigam)	50	N20.00317	E82.05364	
		Hatigam RF(Maripara)	50	N19.99086	E82.02756	
		Total-	500			
5	Malakangiri	Badapadar	20	18.1025	82.16972	
		Arnabhata	20	18.138539	82.265154	
		Kamarguda	20	18.119783	82.099609	
		Kamalapadar	20	18.039	81.97758	
		Maliguda	20	18.11377	82.27621	
		Laxmipur	40	18.07815	82.03604	
		Palam	30	18.11389	82.070	
		Rampur	30	18.419083	81.895404	
		Similibancha	50	18.09544	81.55514	
		Iralgundi	25	18.21304	81.74429	
		Phagurkonda	25	18.21304	81.74429	
		Kotaguda	40	17.82500	81.39499	
		Tadimetia	30	17.88458	81.45517	
		Kattanpalli	30	17.98895	81.52664	
		Polluru	50	17.89698	81.66465	
		Malavaram	50	17.88396	81.56534	
		Total-	500			
		Circle Total-	2500			
		Grand Total-	20400			

Annexure IV-III
Site-wise details of Bamboo Plantation 33,498

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Site wise details of Bamboo Plantation @ 400/plant/Ha (creation) Rs.13337.52as per wage rate
Rs.280/- per day

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	longitude
Angul Circle					
1	Angul	Arisulia Sulia RF	30	20.89406	84.8925
		Bogpal RF	20	20.713447	84.99853
		Badakathia RF	20	21.00352	84.98897
		Total-	70		
2	Athgarh	Bramhanabasta RF C/1	40	N 20 31 38.6	E 85 45 37.4
		Deulia RF	30	N 20 34 44.3	E 85 42 55.9
		Total-	70		
3	Dhenkanal	Koi RF	70	N-20° 38' 45.2	E-85° 15' 09.7
		Total-	70		
		Circle Total-	210		
Bhubaneswar Circle					
1	Khurda		70		
2	Nayagarh	Sapua RF	15	N - 20 13 40.46	E - 85 07 29.25
		Panchupandab RF C/2	20	N - 20 12 06.00	E - 84 57 55.50
		Guriabari RF	20	N - 20 20 29.50	E - 85 04 56.30
		Gayalasingh RF	15	N - 20 58 34.68	E - 84 58 59.65
		Total-	70		
		Circle Total-	140		
Berhampur Circle					
1	Phulbani	Gandagam	20	20 16 22.3	84 15 14.9
		Galesuga	50	20 21 31.3	84 04 55.7
		Total-	70		
2	Baliguda	Guma N DPF	20	N-19-53-43.6	E-83-38-8.5
		Subarnagiri	20	N-19-53-06.9	E-83-47-47.6
		Surangabaru	15	N-19-58-34.8	E-83-34-0.62
		Udayagiri	15	N-20-00-48.8	E-83-37-08.8
		Total-	70		
3	Boudh	Jamukhol R.F C/6	10	N20 36 34.85	E84 15 18.81
		Arakhapadar RF C/7	15	N20 35 38.2	E84 36 35.6
		Subarnagiri RF C/10	15	N20 36 17.9	E84 06 40.7
		Hatidhara RF C/6	15	N20 26 21.1	E84 39 03.0
		Padhel RF C/6	15	N20 29 15.3	E83 47 23.5
		Total-	70		
4	Gh. South	Kiriamba RF Comtt. No.7 in Buguda Range	70	84 55 36.9	19 50 58.8
		Total-	70		
5	Gh. North	Baibali RF C/7	35	N 20 00 12.1	E 84 27 21.6
		JP RF C/7	35	N 20 02 10.5	E 84 43 40.6
		Total-	70		

6	Berhampur		60		
7	Paralakhemundi	Naikaniamba Chandragiri RF	10	N 19 18 59.1	E 84 17 46.8
		Satabahada Chandragiri RF	15	N 19 17 16.5	E 84 17 00.1
		Kharipani Chandragiri RF	20	N 19 21 16.6	E 84 20 43.3
		Kaluamba Chandragiri RF	15	N 19 20 30.3	E 84 19 14.7
		Hatipanipia Nala Chandragiri RF	10	N 19 21 29.4	E 84 20 00.2
		Total-	70		
		Circle Total-	480		
Sambalpur Circle					
1	Jharsuguda	Lariapali DPF	20	N-21-47-22.72	E-84-16-30.85
		Gourpanpali	40	N-21-55-11.27	E-84-07-84.07
		Total-	60		
2	Sambalpur	Ghichamura-Jarmal RF	35	N 21 43 0.60	E 84 06 56.4
		Dumerchuan-Mundher RF	35	N 21 23 0.50	E 84 03 50.0
		Total-	70		
3	Rairakhol	Rahan RF	20	20 57 11.33	84 15 15.48
		Rahan RF	20	20 57 19.00	84 15 05.0
		Hatidhara RF	30	21 07 22.90	84 27 27.02
		Total-	70		
4	Bargarh	Dechuan RF	20	N-21-36-25.1	E-83-30-26.5
		Jhanjpahad PRF	40	N-21-05-46.7	E-83-03-46.1
		Total-	60		
5	Bamara WL	Lamra PRF	20	21 39 5.31	84 19 2.75
		Kumbhiachua	10	21 35 54.4	84 19 55.1
		Gudguda PRF	40	21 28 6.24	84 12 39.24
		Total-	70		
		Circle Total-	330		
Rourkela Circle					
1	Sundargarh	Garjanpahad RF	40	N-21-59-22.3	E-83-40-15.6
		Dhanubauns RF	30	N-21-59-08.2	E-83-32-54.7
		Total-	70		
2	Bonai	Lunga RF	70	21 43 21.43	85 2 55.21
		Total-	70		
3	Deogarh	Jalpada KF	25	N 21 33 12.5	E 85 12 54.3
		Badtaila RF	25	N21 36 22.8	E84 50 00.7
		Chilantikhol PRF	20	N 21 36 10.2	E 84 37 46.3
		Total-	70		
		Circle Total-	210		
Bhawanipatna Circle					
1	Kalahandi North	Taparang RF	70	N20 10 16.0	E83 35 47.0
		Total-	70		
2	Kalahandi South	Sargiguda RF	20	N 19 58 21.8	E 83 23 18.7
		Karli PRF	50	N 19 44 41.0	E 82 57 48.4
		Total-	70		
3	Subarnapur	Kumbharmunda R.F.	35	N20 36 30.58	E83 38 08.05
		Tithipali R.F.	35	N20 35 12.13	E83 37 03.90
		Total-	70		

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4	Bolangir	Kusa RF, Saintala Range	35	N20 31 33.76	E83 14 33.46
		Barghati RF, Saintala Range	35	N20 30 44.61	E83 23 14.81
		Total-	70		
5	Khariar	Patdarha PRF-Chitarama	30	N 20 07 15.3	E 82 25 30.2
		Chereipani PRF-Ghantiguda	10	N 20 05 31.0	E 82 42 11.0
		Dharamsagar'C'- Palsipani	30	N 20.42064	E 82.69869
		Total-	70		
		Circle Total-	350		
Koraput Circle					
1	Rayagada	Kodupadu RF	10	19.156493	83.278748
		Pandrapada	10	19.462475	83.261208
		Gokulmunda	10	19.176851	83.081358
		Royalghati, Dangasorada PRF	15	19.623722	83.615139
		Pedakonda RF	15	19.078778	83.836024
		Dumulapadar, Nuagada DPF	10	19.385228	83.982156
		Total-	70		
2	Koraput	Mathalamba	10	N18.996000	E83.169833
		Bejuguda	20	N18.88915	E83.09924
		Majaguda	20	N18.46570	E82.99890
		Gunjiaguda	10	N18.2120	E82.4353
		Ambapada	10	N18.539012	E82.501922
		Total-	70		
3	Jeypore	Mandra	50	19.0811	82.4849
		Tallur	10	18.5333	82.3820
		Totapada	10	18.364761	82.28484
		Total-	70		
4	Malkangiri	Ranginiguda	25	18.305283	82.160568
		Jakalgundi	20	18.01088	81.72073
		Kamalapadar	25	18.109645	82.246349
		Total-	70		
		Circle Total-	280		
		Grand Total-	2000		

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Annexure IV-IV
Site-wise details of ANR (2nd Year maintenance)

SI No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	longitude
Angul Circle					
1	Angul	Balanga RF-1	100	20.710722	84.966611
		Balanga RF-8 &9	100	20.668944	85.022417
		Katada RF-1	100	20.883083	84.786860
		Katada RF-7	100	20.877528	84.805560
		Roadsingha PRF	50	20.952534	84.832930
		Simlipahar 2 & 3	50	20.843390	84.813250
		Durgapur RF	150	20.943920	84.940220
		Bramhanabill RF	50	21.075610	84.882500
		Chhendipada RF	50	21.038600	84.961300
		Dangapal PRF	50	21.141560	84.752400
		Nisha RF	70	20.920250	85.033778
		Kulasigha PRF	64	20.774800	84.979622
		Buruti PRF	16	20.754428	84.884322
		Rabipur RF	200	21.020139	85.073167
		Sibrampur RF	100	21.030139	85.119278
		Santrabandha KF	35	21.089694	84.958528
		Kiajhar KF	55	21.146439	85.079078
		Budiha RF	60	21.222139	85.099444
Sadarakhol RF	100	21.276694	84.950000		
		Total-	1500		
2	Athmallik	Kusumkuhuri RF Compt. No.2&3	150		
		Dantarikhoh RF Compt. No.5	100		
		Nuagaon RF Compt. No.4 & 5	150		
		Nuagaon RF Compt. No.3100	100		
		Total-	500		
3	Dhenkanal	Megha RF	150	N-20°39'37.99"	E-85°37'50.81"
		Kotaberena RF	150	N-20°36'12.10"	E-85°24'54.15"
		Sulia RF	50	N-20°31'34.35"	E-85°26'18.91"
		Patapuri RF	37	N-20°37'35.03"	E-85°39'22.49"
		Majuria RF	63	N-20°37'11.42"	E-85°34'8.35"
		Saptasajya RF	50	N-20°33'52.40"	E-85°34'27.70"
		Bampa RF near Buhalipal	200	N20-39-10.0	E85-22-30.6
		Bampa RF near Santilol	200	N-20-40-35.5	E-85-23-08.5
		Kandhara RF Compt. No. 5	200	N-20-35-47.7	E-85-13-35.4
		Aswakhola RF	300	N-20-50-25.365	E-85-45-29.00
				N-20-50-26.00	E-85-46-4.80
				N-20-50-01.5	E-85-49-42.1
				N-20-49-30.7	E-85-50-45.1
		Bega RF	100	N-20-46-11.0	E-85-57-59.8
Khankira RF	100	N-20-44-34.2	E-85-56-25.1		

		Gondia RF	100	N-20-44-43.4	E-85-51-1.08
		Lahada (A)RF	100	N-20-48-39.10	E-85-50-04.07
				N-20-46-38.1	E-85-53-18.5
		Ramei RF Compt.No.2	50	N-20-42-09.3	E-85-47-16.6
		Maulabhanja RF	150	20°-55'-40.9"	85°-40'-22.5"
		Sunajhari RF Compt. 1 &3	300	20-49-19.20	85-33-37.58
		Sundarakhola RF	300	20-53-16.9 20-54-12.4	85-28-46.2 85-28-48.1
		Kankili RF	200	20-51 25.1 20-53 53.0	85-25-24.5 85-25-07.5
		Anantapur RF Compt.32	100	21-00-49.4	85-22-42.5
		Tipilei RF	100	20-54-50.7	85-42-17.3
		Total-	3000		
4	Athgarh	Deobhuin RF, Compt. No. 5	50	N 20 30 13.10	E 85 09 85.50
		Deobhuin RF, Compt. No. 8	50	N 20 31 27.20	E 85 09 04.20
		Deobhuin RF, Compt. No. 10	150	N 20 31 55.00	E 85 09 36.70
		Deobhuin RF, Compt. No. 2	100	N 20 33 14.80	E 85 08 21.70
		Deobhuin RF, Compt. No. 9	50	N 20 32 42.85	E 85 10 28.80
		Deobhuin RF, Compt. No. 12	50	N 20 31 33.90	E 85 11 02.60
		Deobhuin RF, Compt. No. 16	75	N 20 34 30.10	E 85 11 46.50
		Talachandragiri R.F	50	N 20 28 05.90	E 85 12 02.40
		Chandragiri R.F, Compt. No. 3	50	N 20 28 53.40	E 85 12 21.30
		Karada RF, Compt. No. 1	50	N 20 28 02.5	E - 85 23 21.5
		Karada RF, Compt. No. 2	50	N 20 28 05.4	E 85 22 51.4
		Belapada RF	50	N 20 24 19.3	E 85 24 33.9
		Talachandragiri RF, Compt. No.1	50	N 20 27 56.1	E 85 14 58.2
		Haladlaseni RF, Compt. No. 4	100	N 20 29 04.9	E 85 19 53.5
		Baudabanakhandi RF	100	N 20 28 51.5	E 85 40 00.6
		Kalichaballav R.F	150	N 20 29 52.5	E 85 29 00.6
		Sorisapala RF	50	N 20 30 01.3	E 85 31 37.3
		Sukasana RF	150	N 20 28 26.6	E 85 40 59.1
		Subasi RF	100	N 20 31 57.5	E 85 44 33.4
		Adala RF	100	N 20 33 16.2	E 85 40 11.5
		Khalakhala RF	100	N 20 29 55.3	E 85 42 55.0
		Ranibania RF, Compt. No. 4	50	N 20 35 12.2	E 85 42 48.0
		Baniabandha RF, Compt. No. 9	100	N 20 38 50.0	E 85 48 27.6
		Baniabandha RF, Compt. No. 12	100	N 20 37 11.8	E 85 47 24.1
		Total-	1925		
5	Cuttack	Janakijhar inside Dalijora RF	100		
		Inside Pachhikote DPF	50		
		Dahikha inside Dalijora RF	25		
		Ambilijhari PRF	100		
		Kaliamba PRF	100		
		Cuttack	1575		
		Total-	1950		
Bhubaneswar Circle					
1	Khurda	Barunei RF	100	20-09-28.5	85-37-43.0
		Rameswar DPF	50	20-00-03.9	85-30-19.8
		Naragoda DPF	50	20-03-3.1	85-26-47.6
		Sulia RF	50	19-54-12.6	85-16-48.6

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		Badapari DPF	50	19-56-47.8	85-22-16.7
		Kuhudi RF	50	19-54-36.5	85-19-09.7
		Rajin RF, C/18	50	19-53-13.2	84-59-14.8
		Rajin RF, C/13	50	19-49-27.6	84-59-46.5
		Tamana RF, C/13	50	19-54-08.6	85-05-29.6
		Jharan DPF	50	19-50-14.0	85-05-39.5
		Naraganga PF	100	20-17-51.0	85-27-50.7
		Dhani South RF	50	19-57-38.3	85-19-27.4
		Maninag RF	50	20-02-24.4	85-16-48.4
		Sulia 'B' RF	50	20-07-34.1	85-18-53.2
		Champagarh RF	50	19-58-46.1	85-26-07.9
		Mal RF, C/9	50	20-00-26.0	85-14-18.9
		Mal RF, C/17	50	19-56-02.6	85-08-59.5
		Mal RF, C/32	50	19-57-54.2	85-14-01.3
		Total-	1000		
2	Nayagarh	Sulia RF C/3	100	N-20 07 31.60	E-85 01 01.40
		Hatimunda RF C/9	100	N-20 13 11.50	E-85 04 04.80
		Hatimunda RF C/8	300	N-20 13 54.70	E-85 04 08.60
		Hatimunda RF C/5	300	N-20 12 45.40	E-85 02 10.26
		Balaram RF	70	N-20 09 02.30	E-85 05 58.40
		Ragadimada RF C/1 near Kusumagadia	100	N-20 11 29.60	E-84 49 50.40
		Ragadimada RF C/1 near Dimiripalli	50	N-20 11 23.50	E-84 50 07.00
		Ragadimada RF C/1 near Khalamba	100	N-20 11 23.10	E-84 50 40.70
		Palva RF C/8	50	N-20 08 53.10	E-84 53 44.20
		Palva RF C/6	100	N-20 09 36.30	E-84 54 25.20
		Hatimunda RF C/17	100	N-20 18 25.60	E-84 58 41.00
		Chadesh RF	100	N-20.381356	E-84.800416
		Gania RF near Kishoreprasad	150	N-20 22 46.63	E-85 44 4.08
		Bankamunda RF C/4 patch - I	50	N-20 26 34.10	E-84 58 35.70
		Bankamunda RF C/1 near Satapuria Patch II	100	N-20 24 23.20	E-84 56 05.90
		Bankamunda RF C/4 Patch - II Near Dankarisahi	100	N-20 26 32.70	E-84 58 38.10
		Bankamunda RF C/4 Patch - III	150	N-20 24 18.85	E-84 57 05.14
		Bankamunda RF C/4 Patch - IV	150	N-20 23 85.01	E-84 57 19.15
		Matia RF Patch No. 1 Nachipur Beat	100	N-20 22 58.90	E-84 51 52.90
		Matia RF Patch No. II Madhyakhanda beat	100	N-20 22 36.70	E-84 54 26.70
		Sikharapur RF patch - 1 Barapalli	100	N - 20 13 46.95	E - 85 08 00.56
		Sikharapur RF patch - 2 Goiapokhari	100	N - 20 16 19.58	E - 85 08 50.73
		Sikharapur RF patch - 3 near Dattapokhari	50	N - 20 17 01.64	E - 85 07 01.00
		Sikharapur RF patch - 4 near Golapokhari	50	N - 20 15 33.14	E - 85 08 15.05
		Sapua RF C/4 near Dattapokhari	100	N - 20 16 40.86	E - 85 07 04.34
		Sapua RF C/7	200	N - 20 17 51.25	E - 85 04 45.00
		Guriabari RF near Analapata	100	N - 20 20 17.62	E - 85 02 54.56
		Bandra RF near Baigunia	100	N - 20 15 29.20	E - 85 13 44.20
		Barkhola RF near Rakesia	100	N - 20 20 22.30	E - 85 08 15.68
		Banijhari PRF	200	N-19 58 46.0	E-85 02 48.0

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		Gochha RF C/9	200	N-19 58 56.6	E-85 09 12.4
		Gochha RF C/16	100	N-20 01 33.6	E-85 12 45.9
		Patharaganda RF	200	N-20 02 54.20	E-85 12 17.19
		Khatia - Damasahi RF	50	N-19 55 0.6	E-85 01 14.5
		Sulia RF C/9	100	N-20 04 24.59	E-84 57 24.83
		Balisinsa - Badhulipur RF	135	N-20 03 05.11	E-84 51 33.53
		Makarapalli PRF	115	N-20 05 52.80	E-84 48 17.55
		Gochha RF C/1 & 3	200	N-19 54 29.54	E-84 55 04.10
		Gochha RF C/6	150	N-19 54 08.24	E-84 56 29.54
		Total-	4720		
3	Rajnagar WL	Sandhakuda	70	86°38'15.46	20°14'50.1
		Jatadhartanda	70	86°30'52.37	20°10'4.1
		Baruhan	100	86°25'13.99	20°3'15.18
		Jambo PF	50	86°43'28.80	20°26'2.80
		Hetamundia PF	50	86°44'20.5	20°19'28.6
		Kantilo RF	50	86°41'29.5	20°29'2.9
		Total-	390		
4	Chilika WL	Pitisa PRF Nandala	100	19/28/42.3	85/10/54.8
		Pitisa PRF Brahmanideo	100	19/29/23.4	85/11/56.5
		Total-	200		

Berhampur Circle

1	Phulbani	Mularujangi (Dakpala B RF)	100	N20 26 25.8	E84 13 55.5
		Damigaon (Dakpala A RF)	100	N20 28 06.1	E84 13 38.8
		Panduli (Phulbani PRF)	100	N20 29 47.5	E84 15 51.7
		Dediganda (Gumagada RF)	150	N20 22 50.7	E84 16 20.7
		Subarnakhhol (Gumagada RF)	75	N20 24 53.3	E84 14 44.6
		Gedripaju (Balaskumpa RF)	75	N20 24 7.5	E84 18 17
		Betinpada Jamujhori (Kalabagh PRF Extn)	75	N20 32 49.9	E84 08.32.9
		Pusipaju (Kalabagh RF)	125	N20 31 34.7	E84 10 12.0
		Bagali (Katringia PRF)	100	N20 31 43.3	E84 04 15.5
		Gadiapada (Ganjuguda PRF)	150	N20 25 47.8	E84 26 13.9
		Mardigochha (Khajuripada RF)	50	N20 25 48.8	E84 27 15.3
		Budarakadi (Bhaliapada RF)	100	N20 27 49.2	E84 23 11.7
		Bagali (Krandibali East RF)	200	N20 21 14.5	E84 03 17.9
		Dagarpadar (Krandibali East RF)	200	N20 21 19.1	E84 04 12
		Gochhasahi (Bandhagada PRF)	200	N20 16 43.9	E84 10 49.2
		Pathakhhol (Bandhagada PRF)	100	N20 18 37.1	E84 12 42.3
		Sadingia (Sadingia RF)	100	N20 20 49.4	E83 56 14.6
		Sunardei-Damingia (Damingia PRF)	100	N20 18 33.9	E83 56 35.7
		Dangerisahi-Kiamunda (Kiamunda PRF)	200	N20 20 56.4	E83 55 55.0

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	Magamunda-1 (Bandhagada A PRF)	100	N20 21 12.9	E84 12 32.2
	Magamunda-2 (Bandhagada A PRF)	100	N20 21 28.3	E84 12 55.4
	Kadari-Salaguda (Baghanadi RF)	150	N20 31 15.2	E83 58 06.5
	Kadipari (Gochhapada RF)	200	N20 27 15.3	E84 00 52.7
	Karnada (Balandapada North PRF)	100	N20 27 31.7	E83 51 35.8
	Kenduguda (Balandapada North PRF)	100	N20 29 31.3	E83 48 51.2
	Duguripari (Kurmingia RF)	150	N20 11 22.8	E 84 24 54.0
	Pradhanpada (Bhanjapadar RF)	150	N20 13 49.3	E84 23 57.2
	Talabalumaha (Bhanjapadar RF)	100	N20 12 10.4	E84 24 29.7
	Retudi (Sujeli RF)	100	E 84 25 06.7	N20 07 06.8
	Mundakanga (Bakingia PRF)	150	N20 04 37.7	E 84 18 35.9
	Lingagada (Bakingia PRF)	100	N20 04 56.0	E 84 18 32.8
	Pukulingia (Pukulingia RF & KF)	130	N20 09 38.9	E 84 22 05.2
	Kurmingia (Kurmingia RF& KF)	70	N20 08 42.0	E 84 24 41.5
	Pajimaha (Pukulingia RF)	100	N 20 08 39.0	E 84 22 58.3
	Darapida (Padangi RF)	150	N20 11 30.5	E 84 12 12.1
	Burbinaju (Tudubali RF)	150	N20 11 29.3	E 84 17 48.7
	Luburumaha (Paburia PRF)	150	N20 12 28.7	E 84 18 24.2
	Kilusuga (Tudubali RF)	100	N20 15 22.8	E84 16 9.0
	Sankarakhol (Linepada RF)	200	N20 18 41.0	E84 18 2.3
	Lamungia (Raikia RF)	100	N20 02 52.4	E84 16 58.1
	Ganjuguda (Ganjuguda PRF)	50	N20 02 58.2	E84 13 49.6
	Total-	5000		
2	Baliguda			
	Sraniketa	100	N-19-55-39.2	84-06-02.8
	Saingabali	100	N-19-54-39.7	E-84-12-01.9
	Dedimaha	100	N-20-02-6.1	E-83-55-42.5
	Kilukupa	100	N-19-58-32.5	E-83-56-10.1
	Kuermunda	100	N-19-59-32.3	E-83-10-18.8
	Karumaha	75	N-19-57-57.0	E-84-10-11.0
	Badabanga	25	N-19-58-36.8	E-84-09-54.6
	Sakusbali	50	N-20-07-10.8	E-83-54-51.2
	Palunkia	50	N-20-05-30.0	E-83-51-58.0
	Balukia	70	N-20-14-49.5	E-83-52-25.5
	Barakhama	30	N-20-14-17.8	E-83-46-19.1
	Kamberikia	100	N-20-17-12.3	E-83-46-19.1
	Madapadar	50	N-20-05-4.8	E-83-43-47.1
	Srambukia	100	N-20-07-09.2	E-83-54-58.0
	Pacharani	50	N-20-22-26.0	E-83-45-57.9
	Mundapada	50	N-20-22-57.9	E-83-42-44.9
	Dupi	60	N-19-53-40.1	E-83-39-44.0

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	Guchuka	40	N-19-54-18.9	E-83-39-52.4	
	Mahabali	50	N-19-52-51.9	E-83-37-58.1	
	Surupadar	50	N-19-58-36.3	E-83-41-35.5	
	Matrugaon	50	N-19-59-06.1	E-83-41-40.8	
	Jhariapada	50	N-19-57-48.0	E-83-41-13.6	
	Adangamala	100	N-19-46-50.7	E-83-43-58.6	
	Kangerikia	100	N-20-10-22.8	E-84-05-40.2	
	Dudkargaon	100	N-20-10-20.8	E-84-05-28.4	
	Damerikia	75	N-20-09-15.1	E-84-02-27.9	
	Sikanbadi	50	N-20-04-25.8	E-84-09-6.7	
	Baligeda	50	N-20-03-17.5	E-84-08-20.8	
	Sasimaha	50	N-20-03-57.0	E-84-08-53.1	
	Lakati	25	N-20-01-49.7	E-84-00-19.2	
	Kudutuli	50	N-20-09-27.6	E-84-02-02.3	
	Lassery	50	N-19-45-11.8	E-83-41-24.1	
	Sitapadi	50	N-19-45-41.2	E-83-41-47.4	
	Madaguda	100	N-19-53-53.7	E-83-45-36.2	
	Upper Maduguda	50	N-19-50-44.8	E-83-46-39.8	
	Makadala	100	N-19-51-46.6	E-83-53-19.8	
	Salkisitaguda	50	N-19-49-27.6	E-83-54-20.1	
	Dadumaha	50	N-19-48-48.6	E-83-50-52.7	
	Tiamaha	50	N-19-46-26.8	E-83-51-12.4	
	Srambi	50	N-19-45-6.9	E-83-55-49.1	
	Paduguda	50	N-19-43-18.6	E-83-55-4.8	
	Lambabali	50	N-19-45-55.0	E-83-51-51.4	
	Katingaia APRF	150	N-19-38-26.1	E-84-13-24.7	
	Padampur RF	50	N-19-39-59.8	E-84-13-23.2	
	Padampur RF	50	N-19-39-20.5	E-84-13-50.7	
	Bamunigaon PRF	100	N-19-37-58.2	E-84-06-35.6	
	Bamunigaon PRF	150	N-19-38-49.9	E-84-04-35.9	
	Srirampur C RF	200	N-19-41-1.1	E-84-58-15.9	
	Sanatuakala	50	N-19-55-55.7	E-83-37-40.9	
	Sadangi	50	N-19-57-31.3	E-83-34-19.2	
	Bilamal	50	N-19-52-51.7	E-83-34-51.1	
	Karlangi	50	N-19-52-1.1	E-83-33-42.6	
	Jhiripani Nuasahi	50	N-19-58-20.2	E-83-32-56.5	
	Similipadar	50	N-19-58-48.4	E-83-34-19.3	
	Chajangi	50	N-20-00-15.0	E-83-33-28.9	
	Kapelpadar	50	N-19-58-5.9	E-83-30-28.9	
	Sulireju	50	N-20-00-40.7	E-83-37-21.2	
	Mandapadar	50	N-20-05-7.7	E-83-38-52.6	
	Kendulipata	50	N-20-03-5.6	E-83-37-42.8	
	Hatimunda	50	N-20-04-10.9	E-83-36-27.3	
	Total-	4000			
3	Boudh	Bankamundi RF C/6	150	N20 43 39.9	E84 18 01.3
		Bankamundi RF C/9	150	N20 41 45.5	E84 16 24.0
		Bankamundi RF C/5	100	N20 43 27.7	E84 18 52.1
		Aragarh RF C/2&3	150	N20 36 48.9	E84 29 20.0
		Arakhapadar RF C/9	50	N20 34 44.1	E84 39 23.7
		Arakhapadar RF C/5	50	N20 34 14.5	E84 35 33.7

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		Aragarh RF C/5	50	N20 38 13.5	E84 30 48.8
		Aragarh RF C/6	100	N20 39 16.3	E84 31 40.1
		Panchara RF C/2	100	N20 45 12.6	E84 00 01.5
		Mundeswar RF C/1	50	N20 24 54.7	E84 33 33.1
		Podhal RF C/3	50	N20 26 34.9	E84 31 01.2
		Mundeswar PRF	50	N20 31 51.2	E84 38 22.2
		Hatidhara RF C/3	50	N20 27 36.1	E84 37 32.5
		Podhal RF C/17	50	N20 29 29.6	E84 27 38.0
		Podhal RF C/17 & PRF	50	N20 30 00.9	E84 27 05.4
		Putputigarh RF, C/3	200	N20 37 15.0	E83 47 03.2
		Putputigarh RF, C/5	100	N20 39 15.1	E83 48 27.3
		Total-	1500		
4	Gh.North	Tiliki RF C/1	25		
		Tiliki RF C/2	25		
		Tiliki RF C/3	50		
		Tiliki RF C/4	100		
		Ragada RF C/3	50		
		Ragada RF C/1	50		
		Ragada RF C/3	50		
		Kalimaba RF C/2	50		
		Ghogada RF C/4	60		
		Ghogada RF C/5	50		
		Brahmanasahi RF C/5	40		
		Brahmanasahi RF C/1	50		
		J.N. Prasad RF C/1	300		
		J.N. Prasad RF C/3	40		
		Total-	940		
5	Berhampur	Sarakote	100		
		Burugaon	100		
		Kumbhajhari	50		
		Sindurpur	50		
		Mulakutapalli	50		
		Totagaon	100		
		Mathura	50		
		Badapalli	100	N19 17 50.5	E84 36 53.9
		Raipur	50		
		Karakhole PRF Comp. 3	30	N19 36 20.8	E85 05 11.4
		Karakhole PRF Comp. 2	30	N19 35 15.1	E85 05 45.5
		Babool PRF	40	N19 34 33.5	E85 02 03.8
		Ranibar 'A' DPF Comp.3	100		
		Ranibar 'A' DPF Comp.2	50		
		Sahakhhol PRF Comp. 3	50	N19 41 55.3	E85 03 25.1
		Sahakhhol PRF Comp. 4	50	N19 41 23.9	E85 04 03.3
		Bhallery PRF Comp. 3	50	N19 45 32.5	E85 04 54.8
		Thanagaon	100		
		Bhajipadar	50		
		Mahulbada	50		
		Jhagadapalli	50		

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		Bhaliabada	50		
		Burtala	50		
		Andanda	50		
		Matiapalli	50		
		Gurangi	50		
		Talapada	50		
		Srirampur	50		
		Total-	1650		
Sambalpur Circle					
1	Jharsuguda	Katikela	50	21-47-24.33	84-05-00.74
		Rajpur PRF	450	21-51-25.60	83-52-34.7
		Ullap PRF		21-51-29.9	83-50-07.4
		Kusuraloi PRF		21-41-58.3	83-49-44.6
		Grindola(B.khol)	75	21-49-51.0	83-45-25.2
		Banjari(B.khol)	100	21-48-20.6	83-47-12.3
		Ailajharan	50	21-42-14.3	83-48-01.9
		Jamuna	50	21-4204.3	83-48-48.8
		Amkhaman Sagarpali	50	21-47-08.0	83-47-22.0
		Sunari	25	21-39-14.4	83-47-02.5
		Pikol	25	21-47-49.3	83-45-49.9
		Suldia	25	21-43-37.7	83-48-17.6
		Sukhadihi	50	21-48-43.5	43-38-32.2
		Betjharan	50	21-46-24.3	83-42-49.7
		Total-	1000		
2	Sambalpur	Lambdungri RF-50	50	21 31 15.91	83 59 31.27
		Jarang DPF-200	200	21 11 18.67	84 11 4.17
		Hatibari-Bandher RF-100	100	21 20 22.37	84 7 34.02
		Basiapada-Birsingharh RF-100	100	21 17 14.85	84 4 20.06
		Labdera-Bolbunga RF-50	50	21 18 15.29	83 58 46.95
		Jaduloisingh-Gunjaghar RF-250	250	21 20 10.32	84 2 49
		Chandlidungri RF-200	200	21 28 20.06	83 52 18.5
		Menghpal RF-150	150	21 22 30.19	84 15 38.13
		Kusamura-150	150	21 20 34.3	84 18 2.9
		Chamunda-50	50	21 17 57	84 9 51.8
		Beheramal RF-50	50	21 17 53.8	84 9 52.2
		Kulchar RF-100	100	21 23 2.5	84 11 51.4
		Daldali-100	100	21 15 38.2	84 1 4.6
		Bhamjpali-50	50	21 14 2.7	83 57 46.2
		Gourgooth-50	50	21 12 4.72	83 56 31.12
		Tabloi-50	50	21 9 9.5	83 58 51.7
		Godloisingh -50	50	21 13 17.07	83 59 45.26
		Moulabhanja-50	50	21 41 8.8	83 59 12
		Junian-100	100	21 35 6.4	84 1 19.3
		sangarmal-Batemura-100	100	21 32 16.6	84 12 26.4
		Jharghati-Garpati-100	100	21 35 11.4	84 6 23.3
		Phuljharikhaman-50	50	21 36 4	84 8 0.9
		Ghichamura-Phuljhar-200	200	21 34 2.4	84 11 56.1
		Ghihamura-Jormal RF-150	150	21 42 4.9	84 6 33.5
		Total-	2500		
3	Rairakhol	Purunapani PRF	150	21 03 58.40	84 22 01.05
		Kholgarh RF	200	21 06 16.91	84 20 42.72

		Hatidhara RF	100	21 09 07.9	84 27 12.1
		Berhampura PRF	50	21 07 57.5	84 14 34.7
		Chadachadi PRF	300	21 10 33.2	84 44 19.7
		RailRF	100	21 07 52.5	84 34 50.3
		Landimal RF	100	21 13 38.0	84 36 29.1
		Rahan RF	90	20 56 47.57	84 14 03.65
		Tal RF	60	21 01 3.72	84 16 12.52
		R.Badmal RF	200	21 06 12.4	84 05 49.6
		Chargarh RF	150	21 05 08.2	84 01 25.3
		Total-	1500		
4	Bargarh	Pahadasruguda	30	21 29 42.0	83 46 59.0
		Khandahata	50	21 15' 39.51"	83 41' 51.21"
		Papanga	20	21 11' 17.26"	83 48' 23.46"
		SDBR RF Jadamunda	250	N21 30 36.5	E83 26 13.6
		SDBR RF Pandaritarei	100	N21 30 59.6	E83 27 36.2
		Dechuan RF (Kumbhi Chuan)	80	N21 37 55.5	E83 32 27.9
		Dechuan RF (Gangei)	70	N21 35 02.2	E83 29 25.2
		BARPADAR	100	N21 07 79.2	E83 12 57.8
		PANDRIPANI	150	N21 05 31.2	E83 11 25.4
		KUCHIPALI	100	N21 09 99.5	E83 15 11.7
		Jamkhar	100	N21 05 20.7	E83 04 14.0
		Ganjaguda	100	N21 05 98.3	E83 10 19.9
		Mahadaseni PRF	150	N-20-53-05.5	E-83-16-30.1
		Adhual PRF	300	N21 ° 01' 37.4"	E82 ° 52' 21.2"
		Lamidangar PRF	150	N21 ° 05' 11.1"	E82 ° 48' 45.9"
		Putkidungri PRF	50	N21 ° 00' 10.1"	E82 ° 46' 21.3"
		Gandhamardan PRF	200	N20 54 40.6	E82 51 33.6
		Total-	2000		
5	Bamara WL	Bandhabar RF (Gardega site)	40	22 4 28.67	84 26 13.96
		Bandhabar RF (Rangiatikira site)	20	22 2 37.54	84 22 42.17
		Bandhabar RF (Sankobahal site)	30	22 4 13.22	84 22 49.91
		Kesaibahal Dangajore DPF	20	21 55 39.18	84 24 57.45
		Parimunda Niktimal DPF	40	21 55 39.18	84 24 57.46
		Bandhabar RF (Rabga site)	30	22 5 18.44	84 28 44.90
		Bandhabar RF (Fuldemer site)	30	22 4 41.47	84 26 37.63
		Parmampur KF	20	22 5 49.49	84 24 12.82
		Kaliapada KF	10	22 08 49.63	84 23 55.43
		Manapali KF	10	22 07 29.93	84 26 19.24
		Bandhabar RF (Kholbilung site)	50	21 35 46.97	84 17 59.53
		Jhangirighati-Kuntrabahal DPF	50	21 57 52.81	84 27 30.71
		Thakurniktimal PRF	20	21 40 31.74	84 23 36.74
		Tamanguda DPF	20	21 48 18.86	84 28 33.06
		Chaitrai RF	260	21 46 55.22	84 21 53.64
		Pravasuni RF (Jamankira Section)	10	21 34 40	84 28 35
		Khajuria RF(Bamragarh site)	10	21 40 59.8	84 27 54.6
		Addl Kansar RF (Sialdarha)	10	21 30 16.02	84 23 5.68
		Karangamal KF	30	21 38 43.33	84 27 54.79
		Sauntimal PRF	10	21 35 53.34	84 24 17.34
		Guljipali KF	10	21 36 10.23	84 18 41.43
		Binjipali RF (Compt. No.3)	20	21 35 9.62	84 12 8.92
		Budhikuten PRF	60	21 24 55.2	84 13 50.1

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		Kanibandhli PRF	40	21 30 21.78	84 12 51.84
		Pudakhol KF	100	21 17 50.4	84 30 43.1
		Uradei KF	50	21 19 02.20	84 25 06.86
		Total-	1000		
Rourkela Circle					
1	Sundargarh	Kiralaga RF	300	N-22 21 44.9	E-84 10 10.6
		Kurei RF	200	N-22 24 34.3	E-84 05 39.4
		Kumbahal RF	200	N-22 09 22.8	E-84 07 50.6
		Runga RF	100	N-22 18 57.5	E-84 16 48.0
		Athkosia RF, Tinkuda	200	N22 09 53.6	E83 53 49.2
		Athkosia RF, Belsara	100	N22 06 44.4	E83 55 27.7
		Kusumura RF	250	N22 16 49.3	E83 59 37.7
		Athkosia RF, Beheradihi	100	N22 15 54.2	E83 57 28.6
		Rajpur RF	100	N22 11 05.4	E84 05 02.9
		Raidihi DPF	100	N22 01 12.4	E83 52 14.2
		Athakosia RF(Patuaghara)	350	N 22. 1817033	E 83. 8455967
		Sialkhaman DPF	140	N 22 11 42.2	E 83 44 08.1
		Dhatukpahad DPF	160	N 22 07 51.9	E 83 44 09.1
		Dhangergudi R.F Chheligudri (COMPT)	150	N 22 11 43.4	E 83 46 17.5
		Jamkani- Tiuria	600	N-22-06.35.5	E-83-35-33.0
		Jamkani-Gopalpur	200	N-22-05.00.8	E-83-42.11.8
		Jhantikhol	150	N-22-00-55.4	E-83-47.26.7
		Rohini RF	300	N21 50 34.5	E83 40 24.6
		Kaudarha-Tilia PRF	100	N21 52 00.2	E83 45 43.2
		Singaribahal RF	100	N21 49 26.4	E83 44 12.3
		Giripahad RF	200	N21 55 11.2	E83 48 05.4
		Kodbahal DPF	150	N21 58 37.9	E83 38 07.3
		Khuntipani RF	50	N21 57 08.5	E83 38 23.6
		Ranga RF (Badpara)	250	N-22 10 43.04	E-84 09 59.06
		Runga RF (Kulga)	300	N-22 11 09.04	E- 84 10 23.08
		Panchara South RF	150	N-22 17 42.02	E- 84 22 06.01
		Total-	5000		
2	Bonai	Mendhamaruni PRF-II	100	N21 56 6.3	E85 16 12.0
		Kumudi KF	50	N21 37 22.34	E85 06 57.19
		Balia RF	100	N21 46 18.4	E84 40 31.4
		Majurdima	100	N21 52 43.4	E84 35 42.8
		Sirigida RF	50	N21 56 55.2	E84 31 50.2
		Saldunguri	50	N21 50 05.3	E84 47 33.9
		Talita RF	50	N21 46 45.5	E84 57 25.9
		Total-	500		
3	Deogarh	Barkote Range/ Thianal RF	100	N21 29 30.96	E85 08 42.90
		Reamal Range/ Tarang PRF	100	N 21 16 21.4	E 84 34 16.6
		Deogarh Range/ Salohi Laimura PRF	50	21-40-55.5	84-40-35.1
		Pallahara Range/ Timi PRF	100	N 21 29 49.4	N 85 13 49.4
		Pallahara Range/ Jolunda Jokapani PRF	100	N 21 29 41.11	N 85 17 20.53
		Khamar Range/ Gurusulei RF	75	N21 23 12.2	E85 04 36.8
		Khamar Range/ Chargachhia RF	75	N21 20 03.5	E85 12 47.4
		Total-	600		

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4	Keonjhar	Balibandha RF [BLB-I]	200	21 55 23	85 34 15.1
		Kanjipani RF [KNP-I]	150	21 29 16.4	85 28 48.3
		Pipilia RF [GML-I]	50	21 34 20.9	85 45 16
		Atei RF [MLN-I]	100	21 24 50	86 0 43.9
		Barabanka RF [NKS-I]	200	21 22 19.7	85 42 21.2
		Total-	700		

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Baripada Circle

1	Baripada	12 sites *	1000		
			1000		
2	Karanjia	Kusumbandi PF	70	22 1 57.4	85 45 10.9
		Maricha VF	30	22 1 50.9	85 45 46.3
		Ghagi RF	100	21 50 6.8	85 51 43.1
		Hatisalbeda RF	100	21 45 24.3	86 2 57.6
		Handifuta RF - A	50	21 28 22.8	86 10 45.2
		Begunia RF - II	50	21 56 8.7	86 2 15.4
		Gudidiha	80	21 47 0.7	86 4 53.4
		Puruna deogaon	20	21 52 0.8	86 58 41.8
		Total-	500		
		3	Rairangpur	Brahmani R.F	100
Gorumahisani RF.	100			22 17 31.4	86 15 45.9
Radho DPF	140			22 24 14.1	86 14 8.02
Badampahar RF	140			22 07 43.1	86 11 31.1
Khadambeda RF	20			22 9 55 5	86 25 36.1
Total-	500				
4	Keonjhar WL	Santoshpur RF	450	21° 20' 54.11"	86° 06' 7.97"
		Rebana RF	300	21° 17' 17.97"	85° 39' 35.32"
		Atei RF	150	21° 20' 51.11"	86° 51' 18.64"
		Rebana RF	600	21° 08' 54.90"	85° 49' 05.09"
		Total-	1500		

Bhawanipatna Circle

1	Kalahandi North	Rakeshtunda	200	N19 48 40.4	E83 05 46.0
		Kitpadar	150	N19 49 50.8	E83 08 29.5
		Herateka	200	N19 53 17.2	E83 05 27.3
		Sulia	200	N19 51 17.2	E83 16 13.1
		Kabagenju	150	N19 53 24.9	E83 12 00.3
		Rakshi	150	N19 51 36.0	E83 12 02.4
		Kundabandh	100	N20 06 11.1	E83 07 21.2
		Beherakuni	200	N19 57 15.1	E83 02 00.1
		Turpi	50	N20 02 28.0	E83 04 30.3
		Themra	150	N20 00 43.5	E83 02 18.6
		Bhikajharan	100	N20 00 12.5	E83 05 29.3
		Ghusurigudi	150	N19 59 01.8	E83 05 12.3
		Kuchejore	200	N19 56 40.8	E83 21 54.3
		Sadel B	50	N20 13 15.2	E83 29 31.1
		Turchi RF	50	N20 14 21.3	E83 27 43.8
		Podgudi PRF	100	N20 16 48.9	E83 29 37.8
		Jampada	100	N20 06 01.2	E83 24 39.1
		Boringpadar	100	N20 06 02.2	E83 26 27.0

		Maskaguda	100	N20 02 16.2	E83 25 58.0
		Dhamankata	100	N20 06 28.2	E83 26 02.0
		Podkham	150	N20 11 46.0	E83 16 49.2
		Dumermunda	100	N20 11 24.7	E83 16 02.3
		Taprang	100	N20 13 35.4	E83 19 04.9
		Kantesir	100	N20 13 05.7	E83 17 58.7
		Turlakhaman	100	N 20 16 01.6	E83 19 10.9
		Tundla	100	N20 16 10.8	E83 20 19.7
		Bijkhaman	100	N20 15 26.2	E83 18 26.6
		Singhjaran	100	N20 14 10.6	E83 18 02.6
		Karumpadar	150	N20 11 45.4	E83 19 02.1
		Bandajore	100	N20 05 43.9	E82 54 21.8
		Karlapada	100	N20 04 31.9	E82 53 53.4
		Nuagaon	50	N20 03 29.1	E82 56 15.8
		Badbhuin	50	N20 03 00.5	E82 47 43.1
		Dudkel	50	N20 03 30.9	E82 49 34.3
		Kendupani	50	N20 03 00.5	E82 47 43.1
		Kirkakani	50	N19 58 15.9	E82 45 45.5
		Tingipadar	50	N20 03 21.1	E82 56 04.8
		Balipati	200	N20 06 16.5	E82 59 59.6
		Gandbasa	200	N20 07 19.2	E82 57 36.5
		Rajnapur	200	N20 07 18.6	E82 57 25.6
		Bhandarkachhar	50	N20 08 56.3	E82 52 41.6
		Panaspur	100	N19.98478	E82.93861
		Sialjodi	150	N20 04 12.9	E82 59 26.1
		Total-	5000		
2	Kalahandi South	Mohangiri PRF	600	N19 32'25.88"	E83 13'48.38"
		Indravati PRF	200	N19 34'09.99"	E83 03'18.28"
		Tunapari	100	19 33 50.3	83 01 13.6
		Ghodabandha	300	19 37 42.1	82 55 10.4
		Pandigaon	100	19 34 08.8	82 52 39.1
		Roul Jhimiri Extn. PRF	300	N 19 41 33.7	E 83 19 12.6
		Mukundpur (Hatisal PRF)	100	N19 5247.9	E 83 22 39.9
		Kumkhal(Hatisal PRF)	200	N 19 50 00.4	E 83 21 12.1
		Mandigram (Hatisal PRF)	100	N 19 48 20.3	E 83 22 25.1
		Benbhata RF	200	N 19 40 24.9	E 83 14 09.3
		Benbhata RF	200	N 19 3849.4	E 83 14 55.4
		Bagnipadar (Samajhola RF)	400	N 19 56 16.2	E 83 26 00
		Michasola	200	N19 52 07.0	E83 01 39.5
		Banmalipur	200	N19 52 48.0	E82 59 29.6
		Katingpadar	100	N19 46 10.9	E83 02 58.6
		Golamunda	100	N19 50 47.0	E83 01 31.5
		Nagupada	300	N19 28 10.6	E 82 51 42.4
		Kamridhuti and Badsikuli	300	N19 25 11.3	E 82 53 09.0
		Total-	4000		
3	Subarnapur	Papi	100		
		Siali	50		
		Gulunda	50		

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		Phabsi	50		
		Sangrampur	100		
		Sergeda	100		
		Durdura	150		
		Kundapal	150		
		Pipilipali	50		
		Bahirkhaman	50		
		Panimura	50		
		Punjipathar	100		
		Charbhata	100		
		Chirabahal	50		
		Tithipali	100		
		Jadapal	100		
		Badtenda	50		
		Meghnad	150		
		Jampali	50		
		Dipapali	100		
		Jaunrabhaura	100		
		Sulia	100		
		Khajuriapali	100		
		Total-	2000		
4	Bolangir	Phulijharan	200	N20 42 30.7	E83 25 16.4
		Ratakhandi	200	N20 39 01.0	E83 26 10.0
		Salemudga	50	N20 25 06.0	E82 44 20.1
		Pandren	50	N20 25 31.2	E82 46 52.7
		Mahakhand	50	N20 24 14.2	E82 47 24.3
		Gadiajor	50	N20 22 09.2	E82 43 56.4
		Tikrapada	50	N20 22 15.5	E82 44 41.5
		Jhinkipada	50	N20 10 06.2	E82 51 49.7
		Babijore-I	40	N20 33 28.8	E83 28 47.0
		Babijore-II	60	N20 32 56.2	E83 29 00.5
		Ratanpur	100	N20 35 33.9	E83 25 37.5
		Sinkahman	100	N20 37 49.3	E83 24 41.6
		Telenpali	100	N20 46 17.0	E82 51 12.7
		Dudukipadar	50	N20 46 59.9	E82 52 13.6
		Karlamal	50	N20 46 38.2	E82 51 45.7
		Ambahali	100	N20 46 42.1	E82 46 07.7
		Ainiabahata	50	N20 34 28.7	E82 53 34.7
		Mahulpati	50	N20 34 31.4	E82 46 22.3
		Dholmandal	100	N20 31 36.4	E82 45 22.3
		Barla	100	N20 27 25.9	E82 44 59.0
		Semia	100	N20 30 22.8	E82 50 29.9
		Kandagad	50	N20 35 33.6	E82 47 35.3
		Pipalbahal	50	N20 36 47.5	E82 46 35.8
		Tankapani	50	N20 41 15.8	E82 43 54.2
		Bender	150	N20 40 06.9	E82 51 03.3
		Rengali	100	N20 37 55.9	E82 52 25.1
		Chikli	50	N20 40 00.6	E82 54 46.3
		Kurlumal	50	N20 42 36.3	E82 51 13.3
		Sankhua	50	N20 55 39.1	E83 35 43.8
		Pandridungri	50	N20 57 16.8	E83 29 31.3

Bagdunguri	50	N20 46 41.8	E83 17 24.4	
Antapali	50	N20 47 37.9	E83 16 43.4	
Tentulikhunti	80	N20 24 22.7	E83 02 57.8	
Govindpur	80	N20 23 37.8	E83 05 41.5	
Batisadha	80	N20 23 52.8	E83 07 26.3	
Jamunabahal	40	N20 29 31.1	E83 03 04.6	
Rengali	40	N20 26 21.3	E83 04 14.0	
Satbahani	80	N20 27 04.1	E83 07 35.9	
Brahmanipali	90	N20 51 44.9	E83 09 42.9	
Bandhanmal	40	N20 50 28.0	E83 06 47.1	
Barghati	120	N20 35 42.1	E83 10 27.4	
Godaramunda	50	N20 34 15.0	E83 07 36.9	
Desandh	50	N20 35 18.8	E83 11 36.7	
Bankod	50	N20 48 03.5	E83 04 28.5	
Junanimal	150	N20 28 54.9	E83 20 35.1	
Dangarpada	50	N20 29 12.6	E83 20 06.7	
Sialbahali	160	N20 31 05.0	E83 22 03.0	
Sialbahali	40	N20 31 01.1	E83 23 11.0	
Bhatipada	200	N20 22 14.7	E83 11 14.3	
Chugurpala	200	N20 18 53.5	E83 14 13.9	
Total-	4000			
5	Khariar			
	Khasbahal	50	N20 13 04.1	E82 49 06.1
	Rokal	50	N20 13 30.2	E82 37 51.2
	Chikalchuan (Patdhara PRF)	100	N20 14 04.4	E82 29 52.0
	Keuburla (Kumdi PRF)	50	N20.19622	E82.620923
	Mahulpadar (Adipita PRF)	50	N20 11 51.10	E82 33 29.50
	Podapali (Budharaja PRF)	50	N20 21 20.2	E82 43 10.2
	Jholpathar-DharamsagarPRF	100	N20 23 49.1	E82 43 03.8
	Dumerjore	50	N20 16 28.6	E82 41 80.9
	Mantritarai	150	N20 13 45.1	E82 40 33.6
	Mathiapadar (Chhata PRF)	60	N20 26 52.8	E82 36 51.4
	Barandpat (Chhata PRF)	40	N20 30 50.9	E82 37 13.0
	Chhata (Chhata PRF)	30	N20 29 25.3	E82 36 31.1
	Maniguda	30	N20 37 0.0	E82.36 34.4
	Soripada	50	N20 38 27.2	E82 38 46.2
	Balipati	60	N20 40 31.8	E82 38 46.5
	Gadgadbahali	60	N20 4115.06	E82 38 55.4
	Tarbod	30	N20 38 25.3	E82 36 04.4
	Bagmunda	50	N20 41 04.3	E82 33 43.2
	Salbhata	60	N20 35 04.5	E82 42 54.6
	Dungripali	60	N20 34 01.8	E82 41 37.0
	Katapali	50	N20 39 11.8	E82 40 16.8
	Chati PRF- Khajurbahal	200	N 20 45 15.1	E 82 34 47.4
	Jamsulebhata	100	N 20.8495	E 82. 3812
	Seth Jampani	100	N 20 45 44.5	E 82 21 55.1
	Mendhatal PRF- Katapada	100	N 20 40 28.9	E 82 39 28.4
	Jharbandh (Narayandongri PRF)	150	N20 01 31.7	E082 34 05.2
	Jampani (Koilakhala PRF)	100	N20 03 21.6	E082 32 04.8
	Mahagan (Cheripani PRF)	150	N20 03 52.5	E082 40 35.0
	Baijalpur (Adipita PRF)	200	N20 06 40.0	E082 30 32.8
	Kokpadar (Nagesh PRF)	160	N20 02 45.8	E082 44 21.2

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		Tankamal (Kooilakhala PRF)	160	N20 04 52.8	E82 27 40.0
		Chitarama (Patdhara PRF)	100	N20 06 26.8	E82 24 19.7
		Kantapada	100	N20 52 53.7	E82 37 44.2
		Kadomeri	100	N20 59 13.4	E82 39 54.0
		Masankunda	50	N20 57 23.5	E82 39 32.9
		Total-	3000		
Koraput Circle					
1	Rayagada	Dumaguda	120	19.179700	83.444300
		Tikarpadu	120	19.170830	83.444300
		Tilesu	110	19.047853	83.401585
		Kutuli	80	19.133100	83.208400
		Kumbhikotta	220	19.117900	83.278000
		Dupliganda	150	19.129182	83.593655
		Pipalguda	200	19.223589	83.494615
		Rabuguda	50	19.521920	83.329210
		Tidimaska	100	19.580550	83.322590
		Ajayagada	100	19.455920	83.239710
		Sorati	50	19.494130	83.375860
		Siltiguda	50	19.247010	83.378200
		Arganda	50	19.423343	83.359850
		Bhitar Sajja	50	19.414430	83.361360
		Pedisika Kolango	100	19.350390	83.319820
		Kurkuti	50	19.311650	83.277450
		Pandapaska	50	19.343240	83.277980
		Podabandha RF	90	19.344989	83.081549
		Basanagmali PRF	100	19.335828	83.228807
		Ottang DPF	100	19.350196	83.240014
		Ottang DPF	110	19.391753	83.272436
		Kalagaon DPF	100	19.413438	83.163892
		Dudukabahal	80	19.181430	83.095353
		Bolangiri	90	19.287610	83.156213
		Kharjodi	80	19.288610	83.155186
		Pokhari RF	50	19.853430	83.430430
		Odomasaka	100	19.898160	83.442690
		Teremeri	100	19.889700	83.447180
		Talachelinala	100	19.656940	83.489170
		Sakata PRF	100	19.615830	83.487840
		Jamaraguda PRF	50	19.640700	83.488550
		Jabaguda	100	19.805830	83.591100
		Langalabeda	50	19.788080	83.591100
		Dambaguda	50	19.788110	83.591100
		Lelibadi	50	19.437220	83.529440
		Aliganda	100	19.580400	83.632880
		Induguda	100	19.666100	83.769490
		Chilikarambu	50	19.406690	83.538270
		Baradaguda	100	19.412382	83.542949
		Lobaguda	100	19.072722	83.758444
		Hatibadi	50	19.055556	83.766694
		Machakhunti	100	19.062336	83.766458
		Sanasangidi	100	19.033439	83.729953

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		Podalpadar	100	19.190556	83.711722
		Hajaridang	50	19.096889	83.749833
		Gimirikonda	100	19.259306	83.645472
		Konda Kesari	50	19.291583	83.645750
		Bheja	100	19.242028	83.575528
		Kesari	50	19.259722	83.590889
		Banjari	100	19.176111	83.913056
		Malatipur	100	19.241917	83.895889
		Matugudu	100	19.324060	83.697890
		Arjunaguda	50	19.232060	83.879110
		Pataguda	50	19.369710	83.986390
		Karanja	100	19.339580	83.693560
		Khariguda	100	19.366610	83.745170
		Kitalpadu	50	19.224940	83.685030
		Raibili	50	19.364420	83.812810
		Total-	5000		
2	Koraput	Bisipani RF	100	N18.91125	E82.68947
		Panasput	120	N- 18.82507	E- 82.78068
		Litiput	80	N-18.920887	E- 82.722749
		Minapai	100	N19.016778	E83.1564147
		Sargighati	110	N19.017806	E83.156222
		Hatimali	100	N18.885694	E82.935056
		Kurjumali	60	N18.928806	E82.961278
		Kakirimali	100	N18.933444	E83.032833
		Laxmipur Allias Nalachua	70	N 18.930667	E83.152022.
		Budhapanas	130	N18.79719	E83.04281
		Manjariguda	70	N18.80626	E83.21175
		Atmakonda	130	N18.84929	E83.22003
		Dandabadi	70	N18.91189	E83.19477
		Bhairabgada	80	N18.55728	E82.82704
		Kasandi	70	N18.51268	E82.72794
		Subai A	80	N18.61489	E8.279925
		Amphavali	70	N18.396934	E82.987082
		Padua	105	N18.35138	E82.68860
		Champaput	30	N18.3756535	E82.6862841
		Vamangarai	100	N18.2972985	E82.6152418
		Luluburu	75	N18428536	E82686053
		Jabagada	60	N18.46164	E82.57164
		Ranitota	90	N18.70564	E82.55572
		Total-	2000		
3	Jeypore	Sukriguda	30	18.64975	82.34186
		Mohuli	30	18.63500	82.93617
		Matikupuli	20	19.03183	82.05800
		Kathragada	20	19.28267	82.08500
		Jadaput	20	19.43700	82.50433
		Ramgiri	50	18.27000	82.71900
		Pujariput	20	18.66433	82.50333
		Jhaliaguda	70	18.67133	82.73867

		Dimla (Padmapur)	30	18.57567	82.61233
		Raniguda	50	19.87000	82.05633
		Baminidangar	30	19.02067	82.30067
		Raniguda	10	19.87000	82.05633
		Dongriguda	20	18.87200	82.93433
		Total-	400		
4	Nabarangpur	Telnadi RF	250	N19.73575	E82.23403
		Dandasara RF	100	N19.65994	E82.05697
		Pondripokhna RL	100	N19.83983	E82.26642
		Jobipara RL:	100	N19.82886	E82.23667
		Jamdora RL	100	N19.83253	E82.14953
		Bhalubeda RL	65	N19.82061	E82.14931
		Bodadora RL	35	N19.83589	E82.14883
		Keserabeda RF	50	N19.76975	E82.11342
		Sindhigam RF	100	N19.53364	E82.10631
		Jampadar PRF	50	N19.52150	E82.14489
		Badagam PRF	100	N19.57494	E82.07522
		Gurusingha PRF	100	N19.73272	E82.34394
		Chikili PRF	150	N 19.74519	E 82.42567
		Chuimati (Dhumam) PRF	50	N 19.70406	E 82.45961
		Karlapada PRF	100	N19.70292	E82.46647
		Bhejiguda PRF	100	N19.65606	E82.46853
		Gobaguda PRF	150	N19.62794	E82.45181
		Tangini PRF	150	N19.62544	E82.46747
		B Temra PRF	100	N19.61920	E82.50785
		B' Karmari PRF	100	N19.72701	E82.53451
		Londasil PRF	50	N19.69423	E82.50096
		Rajkote PRF	100	N19.77925	E82.43158
		Phatiki PRF	100	N19.80797	E82.36094
		Dongriguda PRF	130	N 19.80731	E 82.54361
		Dahimal PRF	100	N 19.77272	E 82.54225
		Kantasar, Maidapur PRF	500	N19.49316	E82.61888
		Charamula, Garbarai PRF	100	N19.49980	E82.53978
		Dhansuli PRF	50	N19.39910	E82.46846
		Patri PRF	150	N19.43196	E82.45376
		Dabugam RF	50	N19.46697	E82.42099
		Taragam RF	155	N19.28350	E82.53333
		Khandaguda "A"RF	10	N19.25283	E82.51903
		Khandaguda "B"RF	35	N19.25858	E82.51392
		LD Pur Sasan RF	50	N19.23658	E82.51558
		Deula "A" RF	40	N19.26053	E82.49039
		Deula "B" RF	25	N19.25814	E82.49417
		Pilika RF	60	N19.26403	E82.50075
		Jamuguda RF	90	N19.28797	E82.59789
		Bikrapur RF	110	N19.26203	E82.46958
		Sivini RF	100	N19.28306	E82.58147
		Betajharan RF	130	N19.43261	E82.52667
		Betajharan RF	30	N19.42589	E82.50517
		Jhadkusumi RF	50	N19.40556	E82.53692
		Bankasargi RF	60	N19.36014	E82.56497
		Bankasargi RF	30	N19.36286	E82.56258

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		Patraguda PRF	220	N19.35572	E82.50842
		Karlichuan "A" PRF	16	N19.27158	E82.71872
		Karlichuan "B" PRF	19	N19.26775	E82.71458
		Bharanpur RF	10	N19.32850	E82.65258
		Dongra RF	200	N19.34306	E82.37644
		Kodinga PRF	50	N19.31375	E82.34906
		Nuaguda PRF	30	N19.30806	E82.36972
		Palpur RF	100	N19.30233	E82.47111
		Kusumi PRF	200	N19.41106	E82.21417
		Attigam RF	100	N19.26739	E82.26586
		Sambalpur RF	200	N20.06625	E81.95033
		Chadiapara RF	100	N19.99433	E82.01642
		Kusumpur RF	100	N19.96811	E82.04928
		Hatigam RF	100	N20.00592	E82.09875
		Mohando PRF	100	N19.98944	E82.08983
		Kundrapani RF	100	N19.83853	E81.96769
		Total-	6000		
5	Malkangiri	Namkonda	50	18.26673	81.77961
		Padmapur	35	18.42978	81.95711
		Panasagandhi	40	18.10278	82.19778
		Badakonda	40	18.08886	82.05550
		Kuttanpalli	30	17.97683	81.50289
		Motu	25	17.82742	81.42164
		Ramvaram	25	17.85542	81.49511
		Kalimela	25	17.85542	81.49511
		Mutumguda	20	18.18474	81.55112
		Udayagiri	20	18.30073	81.61886
		Chinapateru	20	18.18391	81.90099
		Baliamba	50	18.60308	82.29328
		Kathiguda	35	18.53003	82.13542
		Nilapari	45	18.21774	82.11849
		Matamkonda	40	18.16895	82.01869
		Total-	500		

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Annexure IV-V
Site-wise details of ANR (4th Year maintenance)

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	3	9	10	11	12
Angul Circle					
1	Angul	Bolanga RF-3	100	20.694306	84.990444
		Bolanga RF-4	100	20.693278	84.990806
		Antulia-Tabada RF-4	225	20.816194	84.809222
		Roadsingha, PRF	275	20.84381	84.83967
		Devinagar PRF	100	21.042861	84.799944
		Dandasinga Bhagatpur PRF	100	20.773222	84.83075
		Para PRF	50	20.86569	84.85389
		Durgapur RF	100	20.900080	84.931110
		Chhendipada RF	100	21.053920	84.890670
		Ievpur RF	120	20.985360	84.987670
		Dangapal PRF	100	21.151670	84.742190
		Nunmati PRF	100	21.144310	84.709270
		Marudhipa PRF	110	21.124190	84.676920
		Nisha RF	100	20.939724	85.002590
		Malibramhani RF	50	20.908456	84.999492
		Rabipur RF	200	21.025083	85.092056
		Ganthigadia DPF	50	20.809111	85.240944
		Khajuria RF	100	21.214889	85.107000
Dhankolli RF	120	21.159583	85.080389		
		Total-	2200		
2	Athmallik	Kutulisinga RF Compt. No.1 & 2	160		
		Dantarikhoh RF Compt. No.4	90		
		Ghosar RF Compt. No.5	50		
		Total-	300		
3	Dhenkanal	Chantabaja RF	50	N-20°29'28.3"	E-85°27'22.3"
		Belabania RF	100	N-20°32'36.2"	E-85°27'51.1"
		Matiamundia RF	100	N-20°30'43.9"	E-85°28'13.2"
		Tamanda RF	50	N-20°38'08.0"	E-85°29'29.2"
		Kandhara RF	500	20-34-36.3	85-09-36.2
		Nandinia RF	200	20-36-44.8	85-09-36.2
		Ramei RF Compt. No.3	200	N-20-42-20	E-85-50-30.7
		Sunajhari RF near Udyagiri	100	20-50-39.5	85-34-21.6
		Sunajhari RF near Anlaberani	100	20-50-24.5	85-33-50.9
		Siarimalia	50	20-55-59.2	85-25-49.1
		Anantapur RF near Rangamatia	150	20-59-08.0	85-26-44.5
		Anantapur RF Compt. 25 near Pakatamunda	100	21-02-01.4	85-27-22.4
		Kankil RF near Basoi	150	20-52-48.5 20-53-3.7	85-23-29.8 85-23-23.6

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		Anantapur RF Compt.27 near Bhaghamunda	100	21-00-12.8	85-25-56.4
		Kankili RF near Kankili	50	20-45-49.5	85-26-5.3
		Ranjagarh RF-Compt.No.2 near Budhibili	170	21°-06'-26.2"	85°-35'-42.2"
		Ranjagarh RF-Compt.No.3 Near Budhibili	30	21°-06'-07.1"	85°-06'-04.3"
		Ranjagarh RF-Compt.No.3 Near Karagola	20	21°-04'-54.9"	85°-38'-08.8"
		Ranjagarh RF-Compt.No.4 Near Karagola	280	21°-05'-24.3"	85°-37'-35.0"
		Ranjagarh RF-Compt.No.7 Near Karagola	100	21°-03'-19.5"	85°-37'-06.7"
		Anantapur RF Compt.33 near Bileisuni	100	21-00-45.6	85-22-47.4
		Anantapur RF Compt.34 near Padapatia	150	21-02-16.5	85-21-00.7
		Barabanka North RF near Barihapur	150	20-55-25.9	85-23-42.3
		Total-	3000		
3	Athgarh	Balikiary R.F, Compt. No. 6	50	N 20 32 33.5	E 85 01 85.1
		Balkiary RF, Compt. No. 8	50	N 20 32 17.9	E 85 02 35.8
		Balikiary R.F, Compt. No. 12	200	N 20 32 38.3	E 85 04 22.4
		Balikiary R.F, Compt. No. 13	200	N 20 33 27.1	E 85 04 24.0
		Balikiary PRF	100	N 20 34 16.8	E 85 00 47.5
		Deobhuin R.F, Compt. No. 8	150	N 20 33 12.8	E 85 09 07.0
		Deobhuin R.F, Compt. No. 9	150	N 20 32 58.7	E 85 09 08.2
		Deobhuin R.F, Compt. No. 13	50	N 20 31 47.8	E 85 11 27.2
		Deobhuin R.F, Compt. No. 14	150	N 20 32 40.1	E 85 10 41.2
		Deobhuin R.F, Compt. No. 15	50	N 20 33 15.6	E 85 10 44.7
		Deobhuin R.F, Compt. No. 16	150	N 20 34 49.6	E 85 11 12.7
		Talachandragiri RF, Compt. No. 1	100	N 20 28 10.4	E 85 12 53.4
		Haladiaseni RF, Compt. No. 2	100	N 20 28 50.1	E 85 17 34.2
		Haladiaseni RF, Compt. No. 3	100	N 20 29 03.6	E 85 18 46.5
		Haladiaseni RF, Compt. No. 6	100	N 20 29 22.9	E 85 20 35.9
		Tareiganda RF, Compt. No. 2	100	N 20 26 02.4	E 85 21 26.6
		Jhinkala RF	100	N 20 25 23.6	E 85 24 29.2
		Subasi RF	100	N 20 32 55.6	E 85 44 45.4
		Baudabanakhandi R.F	100	N 20 29 25.0	E 85 39 38.0
		Phulubadi P.R.F	100	N 20 28 44.2	E 85 37 16.1
		Kalichaballav R.F	100	N 20 29'13.8	E 85 27 52.7
		Nizigarh RF	200	N 20 29 33.7	E 85 30 17.3
		Baniabandha R.F, Compt. No. 8	80	N 20 39 04.4	E 85 46 49.3
		Baniabandha R.F, Compt. No. 9	120	N 20 38 55.8	E 85 46 17.5
		Baniabandha R.F, Compt. No. 10	15	N 20 37 29.9	E 85 49 15.4
		Baniabandha R.F, Compt. No. 11	185	N 20 37 59.3	E 85 49 53.8
		Subasi RF	100	N 20 33 09.6	E 85 45 27.7
		Total-	3000		
4	Cuttack	Tomka T.S Coupe-III Daitari DPF near Tungeisuni	150	N21°04'07.91"	E085°53'03.51"

		Tomka T.S Coupe-I Daitari DPF near Balipura	100	N21°04'19.30"	E085°50'08.50"	787 976
		Tomka T.S Coupe-IX Mohagiri DPF near Dhenkisal	70	N21°02'44.10"	E085°58'19.19"	
		Tomka T.S Coupe-IX Mohagiri DPF near Barabanki	180	N21°02'41.20"	E085°57'17.11"	
		Tomka T.S Coupe-IX Tomka DPF near Upper Tomka	100	N21°05'26.24"	E085°56'01.96"	
		Dalijora RF	200	N20°38'13.40"	E085°50'21.50"	
		Karanji PRF	200	N20°40'33.40"	E085°55'37.90"	
		Kaliamba PRF	100	N20°37'31.00"	E085°57'37.40"	
		Satalandi PRF	200	N20°42'52.40"	E085°56'58.80"	
		Asia Charinangal PRF	200	N20°39'41.80"	E086°15'15.30"	
		Nalida PRF	100	N20°41'34.10"	E086°00'25.90"	
		Baradi	200	N20°57'12.81"	E085°56'07.71"	
		Natur	200	N21°04'56.41"	E085°42'03.76"	
		Sukarna inside Sunajhar DPF	100	N20°57'10.51"	E085°56'13.61"	
		Ashokjhar	200	N21°02'12.55"	E085°53'51.16"	
		Total-	2300			
Bhubaneswar Circle						
1	Khurda	Nagapalli RF	150	20.2188133	85.3544117	
		Brahmanidevi DPF	100	20.2143083	85.3039417	
		Jalvar DPF	100	20-04-58.0	85-23-38.4	
		Kuhudi RF	50	19-56-01.0	85-17-58.0	
		Aranga RF 7 & 8	50	19-51-22.9	85-07-37.8	
		Tamana RF. C/13	50	19-53-23.7	85-04-51.6	
		Rajin RF, C/12	100	19-50-51.2	85-00-27.2	
		Katual RF. C/1 & 2	50	19-51-20.7	85-02-04.2	
		Patia RF	50	19-56-01.0	85-17-58.0	
		Dhani S RF	50	19-57-18.3	85-19-47.4	
		Sulia 'B' RF	50	20-08-29.3	85-21-21.1	
		Dhani North RF	50	19-59-35.8	85-20-58.5	
		Mai RF near Bhetabar	50	19-59-58.65	85-15-34.28	
		Mai RF, C/14	50	19-57-20.2	85-10-16.1	
		Mai RF, C/26	50	19-57-24.3	85-12-42.5	
		Total-	1000			
3	Nayagarh	Gochha RF C/6	100	N-19 54 54.31	E-84 57 12.64	
		Gochha RF C/7	150	N-19 55 26.29	E-84 59 56.33	
		Balisinsa - Badhulipur RF	100	N-20 02 43.43	E-84 50 56.62	
		Makarapalli PRF	100	N-20 04 04.75	E-84 49 19.25	
		Bahadajhola RF	50	N-20 03 36.45	E-84 53 30.48	
		Gochha RFC/16	100	N-19 59 9.6	E-85 09 39.20	
		Gochha C/17	200	N-20 00 9.6	E-85 11 16.70	
		Sukarmal PRF	300	N-20 06 30.3	E-85 11 31.60	
		Binjhagiri PRF	100	N-19 58 2.10	E-85 01 11.40	
		Gochha RF C/13	200	N-19 58 07.34	E-85 05 54.30	
		Bankamunda RF	250	N-20 25 14.10	E-84 56 39.30	
		Bankamunda Extn. PRF	250	N-20 24 12.90	E-84 54 41.55	
		Chadesh RF	200			

Pokharigochha RF C/7	100			788
Pokharigochha RF C/3	100	N-20 14 17.25	E-84 48 14.15	777
Pokharigochha RF C/4	100	N-20 16 26.04	E-84 46 46.76	
Chadeyapalli RF C/3	100			
Sulia RF C/4(p)	150	N 20 05 36.21	E 85 01 50.11	
Hatimunda RF C/7	150	N 20 13 28.14	E 85 02 48.72	
Palva RF C/7, Near Chadakamara	100	N20 09 56.0	E84 56 16.8	
Sulia RFC/2 near Nelibari	100	N20 07 54.0	E85 00 51.1	
Sulia RF C/1 near Gateri	150	N20 07 45.7	E84 58 23.7	
Panchupandab RF near Sampada	50	N20 13 30.6	E84 58 01.2	
Hatimunda RFC/20 near Sampada	50	N20 13 35.8	E84 58 51.8	
	250	N20 15 34.2	E84 54 18.7	
Ragadimada RF C/8 near Ragadimada				
Hatimunda RF C/1 near Kosalanga	200	N20 14 55.3	E85 01 16.6	
Ragadimada RF C/6 near Khalamada	100	N20 14 33.2	E84 55 25.4	
Ratadei RF C/4 near Nuasahi	100	N20 08 55.1	E84 50 12.7	
Ratadei RF C/3 near Kersing	100	N20 07 21.0	E84 51 21.0	
	100	N20 12 32.0	E84 51 04.2	
Ragadimada RF C/2 near Muthagadia				
Sikharpur RF	25	N - 20 14 26.70	E - 85 08 16.40	
Chadeibasa RF	75	N - 20 15 30.80	E - 85 09 45.30	
Sapua RF C/6	200	N - 20 16 46.50	E - 85 03 09.80	
Guriabari RF	350	N - 20 20 43.60	E - 85 05 34.10	
		N - 20 20 48.40	E - 85 03 20.10	
Similibanka RF	150	N - 20 21 43.40	E - 84 59 46.10	
Hanumantia RF	100	N - 20 20 37.70	E - 85 16 01.80	
Total-	5000			

Berhampur Circle

1	Phulbani	Phulbani PRF(Near Kalamburi)	50	N20 31 19.3	E84 11 51.5
		Phulbani PRF (Near Dakangi)	100	N20 31 0.2	E84 13 17.8
		Katringia PRF(Near Budenipanga)	100	N20 27 38.1	E84 04 40.4
		Palchi RF(Near Nedipadar)	50	N20 32 59.6	E84 00 40.2
		Brutanga North RF(Near Khetapaju)	100	N20 21 10.3	E84 25 59.8
		Khajuripada RF(Near Jhadpadar)	110	N20 30 25.6	E84 23 30.2
		Khajuripada RF (Near Raidalia)	90	N20 30 37.2	E84 23 7.8
		Gumagada RF(Near Tengeri)	150	N20 21 42.7	E84 17 47
		Gumagada RF (Near Doni)	100	N20 21 33.6	E84 17 51.4
		Kalabagh RF(Near Ranisbali)	150	N20 29 26.0	E84 05 26.4
		Krandibali East RF(Gopingia)	180	N20 26 31.5	E84 61 54.4
		Krandibali East RF(Tantingia)	230	N20 27 38.2 E84 50 29.4	E84 61 54.4
		Balandapada South RF (Sarupaju)	110	N20 18 26.1	E84 08 27.7
		Balandapada South RF (Ganjupriya)	160	N20 19 8.2	E84 10 30.4
		Bandhagada A PRF(Dengagadu)	175	N20 27 0.3	E84 55 29.2
		Bandhagada B RF(Podapada)	175	N20 29 59.7	E84 58 25.8
		Damingia PRF(Katapanga)	260	N20 19 44.8	E84 55 52.0
		Baghanadi RF(Rakadi)	230	N20 22 35.0	E84 04 14.8

	Krandibali West RF	230	N20 22 42.2	E84 01 25.7
	Ratingia RF (Near Balupanga)	100	N20 10 23.9	E84 14 06.7
	Katingia PRF(Near Betikola)	140	N20 03 37.9	E84 18 30.5
	Katingia PRF(Near Khariapada)	60	N20 03 03.1	E84 20 54.5
	Bakingia PRF(Near Jhimapadikia)	100	N20 10 23.1	E84 14 9.6
	Bakingia PRF(Near Dakedi)	200	N20 10 3.2	E84 13 46.1
	Bakingia PRF(Near Gutuguda)	150	N20 10 0.5	E84 13 43.8
	Sujeli RF	100	N20 09 58.7	E84 13 43.1
	Pukulingia	150	N20 09 57.2	E84 13 42
	Talarimaha PRF	100	N20 09 56.3	E84 13 44.2
	Padangi RF (Near Sapaganda)	100	N20 09 54.3	E84 13 44.0
	Paburia PRF (Near Penabida)	150	N20 09 52.4	E84 13 45.4
	Giruti KF	100	N20 03 48.3	E84 18 31.5
	Jobedi RF	50	N20 13 18.9	E84 22 17.1
	Linepada RF(Near Sanabada)	100	N20 10 36.5	E84 33 37.5
	Linepada RF(Near Talajhir)	100	N20 11 32.3	E84 55 29.2
	Chakapad RF (Near Kadami)	100	N20 29 26.0	E84 05 26.4
	Danga RF (Banardei)	75	N20 37 12.4	E84 16 44.9
	Danga RF (Kutibari)	75	N20 40 19.5	E84 19 50.2
	Raikia RF (Colony Sahi)	80	N20 04 24.0	E84 16 47.0
	Raikia RF(Bakingia)	30	N20 05 01.3	E84 15 50.6
	Karada PRF(Kendukhari)	90	N19 59 50.8	E84 14 15.2
	Karada PRF(Barapali)	30	N19 53 20.4	E84 15 23.1
	Sikabadi PRF(Mangalpur)	30	N19 54 56.1	E84 16 19.1
	Ganjuguda PRF (Bedaguba)	40	N19 56 31.4	E84 17 12.9
	Total-	5000		
2	Baliguda			
	Dalabali	50	N-20-06-03.5	E-83-54-21.9
	Singhamila	50	N-20-08-41.6	E-83-52-46.5
	Chingarigaon	30	N-20-11-21.1	E-83-52-18.6
	Ganjupanga	70	N-20-10-56.9	E-83-51-23.2
	Salaguda	50	N-20-16-43.2	E-83-52-42.2
	Sudra	50	N-20-16-44.1	E-83-46-07.2
	Usurkupa	100	N-20-15-02.0	E-83-45-22.5
	Bariguda	50	N-20-23-32.8	E-83-41-54.9
	Anagula	50	N-20-23-16.0	E-83-40-53.1
	Sukangla	50	N-20-07-20.3	E-83-47-15.3
	Dungeri	50	N-20-06-32.5	E-83-47-08.4
	Budakamba	100	N-19-58-41.7	E-83-49-09.0
	Bondaguda	100	N-19-55-55.8	E-83-40-32.0
	Dadanga	50	N-19-56-08.1	E-83-40-19.8
	Kadam	50	N-20-00-16.5	E-83-42-44.9
	Kranja	50	N-19-51-40.4	E-83-39-12.4
	Bariguda	25	N-19-51-35.1	E-83-39-13.2
	Pukur	25	N-19-53-04.6	E-83-39-52.7
	Sinaguda	50	N-19-45-59.8	E-83-42-30.9
	Patangpadar	50	N-19-58-56.0	E-83-46-06.9
	During	100	N-19-48-14.4	E-83-46-51.2
	Landrubanga	50	N-20-02-44.2	E-83-38-6.3

		Samisaru	50	N-19-52-48.0	E-83-34-27.2	790
		Dhumamaska	50	N-19-51-43.3	E-83-34-1.9	777
		Kusumunda	50	N-19-55-46.6	E-83-34-43.1	
		Deogada	50	N-19-55-19.8	E-83-38-11.6	
		Baragaon	50	N-19-57-19.4	E-83-31-0.3	
		Karlaghati	50	N-20-01-27.1	E-83-33-54.3	
		Gumu	50	N-20-03-35.8	E-83-35-20.4	
		Surangabaru	50	N-19-59-40.1	E-83-33-20.1	
		Bamuni	50	N-20-03-54.2	E-83-37-5.2	
		Kandibandha	60	N-20-02-56.4	E-84-00-35.5	
		Purunanuagaon	50	N-20-02-19.6	E-84-03-23.6	
		Pattangi	60	N-20-01-41.3	E-84-02-38.3	
		Medubai	30	N-20-07-53.8	E-84-01-21.2	
		Sugarbandha	100	N-20-04-53.8	E-84-06-38.1	
		Gandagada	50	N-20-05-23.6	E-84-05-31.5	
		Makabali	50	N-20-03-15.0	E-84-10-43.1	
		Tatabadi Patch-I	150	N-20-09-51.6	E-84-09-57.6	
		Tatabadi Patch-II	50	N-20-09-52.4	E-84-09-59.4	
		Talumaha	50	N-19-51-16.0	E-84-02-11.8	
		Mundrumaha	50	N-19-51-12.3	E-84-03-41.3	
		Jidingimala	100	N-19-53-17.8	E-84-04-23.6	
		Karikkuti	70	N-20-08-28.6	E-83-56-49.7	
		Ranipadar	80	N-19-59-6.9	E-83-56-41.0	
		Arakamba	50	N-19-57-54.7	E-83-59-51.2	
		Gadadi	100	N-19-59-8.4	E-84-07-06.5	
		Badabanga	100	N-19-58-36.9	E-84-07-43.4	
		Meramaha	200	N-19-40-55.2	E-84-04-21.7	
		Poiguda	50	N-19-40-19.7	E-84-04-11.0	
		Kutruka	200	N-19-38-28.7	E-84-13-11.0	
		Mahagudi	50	N-19-42-9.0	E-84-03-57.9	
		Dakuli	50	N-19-41-20.5	E-84-01-46.1	
		Amlanpada	50	N-19-42-23.9	E-84-02-35.4	
		Total-	3500			
3	Boudh	Nagarjuna R.F C/2	100	N20 43 09.1	E84 10 10.9	
		Putuna R.F C/2&3	100	N20 43 57.0	E84 06 39.9	
		Putuna R.F C/4	150	N20 44 13.6	E84 07 46.7	
		Arakhapadar C/8	80	N20 34 50.2	E84 38 51.6	
		Arakhapadar C/5	100	N20 34 18.9	E84 37 12.3	
		Arakhapadar C/8	70	N20 35 12.6	E84 38 20.1	
		Arakhapadar C/6	50	N20 34 36.4	E84 37 13.4	
		Parapit R.F C/A	100	N20 36 06.9	E84 26 22.1	
		Jajpur R.F C/6	50	N20 38 45.5	E84 22 43.0	
		Jajpur R.F C/3	50	N20 37 11.6	E84 23 47.1	
		Penajore R.F C/4	100	N20 39 12.7	E83 55 40.0	
		Ravaneswar R.F C/1	50	N20 38 14.4	E84 06 55.2	
		Panchara R.F C/1	100	N20 45 28.3	E84 59 34.6	
		Karadakothe R.F C/2	50	N20 31 43.1	E84 26 51.3	
		Hatidhara R.F C/10	50	N20 28 27.3	E84 38 25.5	

		Puputigarh R.F C/1 (Khairabaniakana)	75	N20 38 01.4	E83 46 04.6
		Puputigarh R.F C/2 (Dangapala)	75	N20 37 19.5	E83 46 19.7
		Puputigarh R.F C/2 (Medinikhol)	75	N20 38 46.1	E83 47 04.8
		Puputigarh R.F C/2 (Gailgarh)	75	N20 38 22.9	E83 46 49.3
		Total-	1500		
4	Gh. South	Dhepaguda	50	N 19 42 03.1	E 84 21 55.2
		Raipada	100	N 19 44 34.6	E 84 26 37.6
		Baghalingi	50	N 19 43 30.7	E 84 22 54.1
		M.Gundribadi	100	N 19 47 44.5	E 84 23 04.3
		Rumapalli	50	N 19 48 33.2	E 84 20 55.7
		Sampada	50	N 19 48 34.3	E 84 20 51.8
		Dantilingi	50	N 19 46 43.1	E 84 20 09.5
		Sandhabali	50	N 19 46 27.9	E 84 20 42.7
		Genja	100	N 19 49 38.9	E 84 24 18.7
		Charichaka	60	N 19 50 54.3	E 84 16 12.9
		Ramnabadi	50	N 19 50 00.1	E 84 16 10.1
		Nilamadhaba	75	N 19 54 19.7	E 84 18 09.0
		Bedanal	75	N 19 50 35.2	E 84 16 15.1
		Nepaphedi	40	N 19 48 14.5	E 84 17 30.8
		Gochhaguda	50	N 19 37 49.4	E 84 22 14.1
		Ambiliamba	100	N 19 41 32.6	E 84 20 31.4
		Jali	100	N 19 37 1.4	E 84 28 56.0
		Ghanasagar	50	N 19 34 21.3	E 84 28 24.4
		Borda	50	N 19 40 48.7	E 84 20 42.7
		Merikote	50	N 19 43 32.5	E 84 16 56.9
		Gojiakhamana	50	N 19 37 19.1	E 84 19 48.5
		Dumula	100	N 19 37 52.5	E 84 18 0.7
		Khajuridiha	100	N 19 37 3.5	E 84 22 55.5
		Serakabandha	100	N 19 41 17.4	E 84 16 58.9
		Gundiribadi (Banjar)	50	N 19 43 58.4	E 84 27 15.6
		Laxmipur	100	N 19 43 51.4	E 84 29 22.6
		Badapur	250	N 19 33 05.2	E 84 29 45.9
		Garbaganda	25	N 19 31 41.5	E 84 32 26.4
	Ashokpur	25	N 19 31 34.3	E 84 40 07.3	
	Kirtipur	50	N 19 32 47.7	E 84 41 49.8	
	Nimapalli	100	N 19 43 53.76	E 84 33 41.36	

Khirida	140	N 19 34 47.5	E 84 36 00.1
Chapudia DPF near Baradabili	60	N 19 41 21.3	E 84 32 34.1
Suliaguda DPF near Hirakhandi	50	N 19 38 02.1	E 84 35 23.1
Khukundiapalli	100	N 19 42 43.45	E 84 33 04.25
Gambharia	100	N 19 42 28.53	E 84 33 36.09
Nagiri RF	50	N 19 51 16.9	E 84 45 03.6
Kiriamba RF Comp. No. 10	50	N 19 50 06.2	E 84 49 50.4
Kiriamba RF Comp. No. 11	50	N 19 47 53.1	E 84 50 37.7
Jhollay DPF	50	N 19 45 43.7	E 84 44 59.9
Kumarsuni RF	100	N 19 50 32.5	E 84 41 18.6
Kiriamba RF Comp. No.12 near Mareipalli	50	N 19 47 50.2	E 84 50 48.1
Kiriamba RF Comp. No.4 near Nuapalli	50	N 19 51 19.6	E 84 54 53.9
Kiriamba RF Comp. No.8 near Talasara	50	N 19 50 20.8	E 84 51 35.7
Kiriamba RF Comp. No.3 near Hirapalli	50	N 19 52 10.1	E 84 55 24.0
Panchubhuti RF near Pokasunga	50	N 19 56 57.0	E 84 50 37.4
Panchubhuti RF near Panchubhuti	50	N 19 56 50.0	E 84 51 34.0
Panchubhuti RF near Mahulapalli	50	N 19 56 14.8	E 84 53 54.4
Kiriamba RF Comp. No.6	50	N 19 50 38.7	E 84 54 15.4
Budrungu RF	50	N 19 56 26.2	E 84 49 23.3
Chhamunda RF	50	N 19 55 04.9	E 84 47 27.2
Kadapada RF	50	N 19 55 03.7	E 84 46 03.1
Karchuli-B RF	50	N 19 53 25.7	E 84 52 45.1
P.Pada RL near Naharatota Patch - II	100	N 19 49 47.0	E 84 58 36.5
P.Pada RL near Naharatota Patch - I	100	N 19 49 20.4	E 84 58 59.8
P.Pada RL near Naharatota Patch - III	150	N 19 49 39.1	E 84 58 50.1
P.Pada RL near Tiribiri	50	N 19 45 34.1	E 84 55 11.4
P.Pada RL near Khumula	50	N 19 47 19.0	E 84 53 53.7
P.Pada RL near Nadiamba	150	N 19 47 55.2	E 84 54 41.7
P.Pada RL near Kumbhirakhanai	100	N 19 43 50.2	E 84 55 11.5
Kendubadi (Sodaka-B DPF)	100	N 19 44 48.4	E 84 46 0.9

		Khaladimala PRF near Khaladi	100	N 19 40 14.20	E 84 54 59.2
		Total-	4500		
4	Berhampur	Belapada	50	N19 18 31.0	E84 40 57.0
		Kanheiput	75	N19 16 30.9	E84 42 35.6
		Lundriguda	75	N19 13 43.4	E84 38 31.7
		Purunapatna	100	N19 14 43.7	E84 40 33.7
		Ambapur	100	N19 18 06.4	E84 37 00.8
		Barikhata	50	N19 17 26.3	E84 31 19.1
		Bisrampadia	100	N19 28 27.3	E84 31 38.6
		Boripadar	50	N19 18 08.8	E84 29 39.2
		Gumma	50	N19 11 32.2	E84 24 52.6
		Harina	100	N19 26 52.7	E84 30 53.0
		Hinjiligam	50	N19 12 16.0	E84 40 04.0
		Khajuripada	100	N19 15 28.8	E84 29 33.8
		Kotibadipali	50	N19 14 54.5	E84 34 06.6
		Pipiliguda	50	N19 27 41.3	E84 31 59.9
		Putakhole	100	N19 19 11.9	E84 25 28.3
		Ramaguda	50	N19 11 36.0	E84 37 40.3
		Sagarsahi	100	N19 12 12.1	E84 25 42.3
		Uttama	50	N19 28 44.9	E84 32 43.4
		Athgadapatna	150	N19 35 57.4	E84 49 46.5
		Badakharida	30	N19 34 12.7	E84 50 11.0
		Bhikapada	80	N19 40 30.3	E84 05 08.5
		Biruligada	50	N19 29 26.4	E84 03 53.2
		Borigam	100	N19 26 24.0	E85 03 26.9
		Gilinda	100	N19 46 27.4	E85 04 37.1
		Kathagada	50	N19 36 49.2	E85 05 06.7
		Narayani	200	N19 44 10.1	E85 07 35.2
		Kanakhai	50	N19 31 36.3	E85 04 23.9
		Nirmaljhara	50	N19 36 12.2	E85 04 05.4
		Phasipada	100	N19 33 55.3	E84 57 03.4
		Prayagi	50	N19 27 59.6	E85 10 06.7
		Nimasula	30	N19 29 59.8	E85 02 54.4
		Sandhamula	100	N19 44 46.5	E85 05 18.6
		Sumandal	60	N19 41 26.8	E85 02 43.4
		Bhaliasahi	25	N19 01 35.4	E84 25 35.6
		Dutiasahi	75	N19 05 59.9	E84 23 07.0
		Gudari	125	N19 05 39.2	E84 28 32.2
		Jayasima	25	N19 09 58.9	E84 30 11.3
		Karadabada	50	N19 07 53.7	E84 29 35.4
		Thalibada	75	N19 04 41.8	E84 28 01.5
		Titigam	50	N19 08 37.2	E84 29 30.3
		Patharghai	50	N19 08 46.4	E84 27 43.2
		Polarajpur	25	N19 10 31.2	E84 31 25.0
		Total-	3000		
Sambalpur Circle					
1	Jharsuguda	Malda DPF	300	21-46-31.9	83-57-33.0

		Katikela RF	50	21-47-51.05	84-03-49-52	794
		Budahpada,	25	21-46-48.7	83-40-53.1	783
		Sukhadahi,	50	21-48-30.2	83-39-17.7	
		Jhargaon(A),	50	21-47-46.2	82-40-22.4	
		Amkhaman-Sagarpali,	25	21-45-57.2	83-43-28.4	
		Pikoi DPF,	25	21-48-24.8	83-45-28.9	
		Kusuraloi (A),	50	21-42-27.3	83-47-59.2	
		Bethjharan,	50	21-47-4.8	83-43-17.9	
		Bikramkhol	25	21-48-9.5	83-47-53.8	
		Lariapali (1 & 2) DPF	75	21-46-45.4	84-17-06.1	
		Andhari PRF ,	100	21-58-55.8	84-15-40.5	
		Banrai PRF, C	50	21-1-2.9	84-19-22.5	
		Chirguni DPF	25			
		Total-	900			
2	Sambalpur	Kolgaon	50	21 11 21.3	83 59 40.1	
		Gourgoth	50	21 12 47.40	83 56 7.20	
		Larasara	100	21 14 41.23	84 0 48.64	
		Sitlenpali	50	21 14 25.0	83 57 50.3	
		Charbahalikhaman RF	100	21 18 43.6	84 9 7.1	
		Chhamunda RF	100	21 18 0.6	84 14 19.4	
		Kulcher RF	50	21 22 1.8	84 11 56.2	
		Basiapada-Birsingharh RF, Patch - 1	100	21 17 19.7	84 3 2.9	
		Jaduloisingh-Gunjaghar RF	100	21 15 36.1	84 5 9.3	
		Balghra RF	25	21 37 39.3	84 2 12.8	
		Babuchakuli VF	25	21 40 19.5	84 0 14.4	
		Nuamunda VF	50	21 3 12.7	84 7 26.3	
		Jharghati Garpati RF Pandiapali	50	21 37 18.4	84 7 42.1	
		Jharghati Garpati RF Gumloi	50	21 36 4	84 8 0.9	
		Ghichamura Jarmal RF	50	21 42 28.6	84 8 40.1	
		Barahampura RF	50	21 28 35.9	83 51 48.6	
		Chandilidunguri RF	50	21 23 55.8	83 56	
		Total-	1050			
3	Bargarh	Pahadsirgida VF	30			
		Papanga	20			
		Khandahata VF	50			
		Pandripani	100			
		Jadamunda	250			
		Gangei	70			
		Kumbhichuan	80			
		Ganjaguda	100			
		Mohanpali	100			
		Barpadar	100			
		Kuchipali	100			
		Pandripani	150			
		Mahadasani	150			
		Adapani	100			
		Dungurichada	100			

Temeri	100		
Saransil	200		
Kharamal	100		
Gurunda	100		
Total-	2000		

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Sundargarh Circle

1	Sundargarh	Bhalubud RF	250	N22 07 15.9	E84 08 01.8
		Kurei RF	200	N 22 23 39.2	E 84 05 32.6
		Kiralaga RF	200	N22 21 58.7	E84 11 00.0
		Runga RF	150	N22 17 01.3	E84 12 43.9
		Kusumura	400	N22 17 03.4	E84 01 53.7
		Gireldungri	100	N22 15 09.8	E83 59 29.0
		Gireldungri	200	N22 13 03.1	E84 01 01.7
		Budapahar	200	N22 13 03.1	E84 01 01.7
		Usakothi DPF	200	N 22 13 12.1	E 83 39 24.6
		Chheligidri (COMPT)	300	N 22 11 45.7	E 83 44 03.1
		Patuaghara	300	N 22. 1560100	E 83. 8425367
		Makarchata RF	350	N21 54 25.2	E83 50 13.9
		Chitikikhadu RF	250	N21 51 26.8	E83 36 58.0
		Badrampia RF	200	N21 51 57.2	E83 36 49.3
		Duduka	200	N22 01 51.8	E83 47 54.6
		Jamjharia-Tapria	200	N21 59 58.4	E83 32 57.9
		Jamkani	300	N 22 05 48.3	E83 37 18.7
		Jamkani-Gopalpur	200	N22 04 23.8	E83 40 33.5
		Runga RF (S.posh)	300	N- 22 14 22.0	E- 84 13 07.3
		Runga RF (Ekma)	250	N- 22 18 30.7	E- 84 16 45.2
Lamtipahad RF	250	N-22 18 32.7	E- 84 26 24.0		
		Total-	5000		
2	Deogarh	Barkote Range/ Tusula PRF	100	N21 37 07.0	E84 42 14.7
		Barkote Range/ Badtoila RF near Masinta	100	N21 36 48.2	E84 55 50.4
		Barkote Range/ Badtoila RF near Rangmatia	50	N21 34 56.1	E84 54 54.9
		Barkote Range/ Paudi RF near Sarankote	100	N21 31 15.7	E85 05 47.9
		Deogarh Range/ Kansar RF near Bhangamunda	100	21-25-03.8	84-31-51.5
		Deogarh Range/ Pravasuni RF	75	21-32-1.5	84-32-05.0
		Deogarh Range/ Ludhar Deopanii DPF	75	21-39-18.19	84-37-34.39
		Deogarh Range/ Pradhanpat RF	30	21-32-44.4	84-45-13.2
		Deogarh Range/ Rambhadevi RF near Suguda	35	21-28-15.2	84-46-54.6
		Deogarh Range/ Rambhadevi RF near Hadamunda	35	21-28-26.6	84-42-56.9
		Reamal Range/ Ghodapaka DPF	35	N 21 29 59.6	E 84 53 44.7
		Reamal Range/ Rambhadevi RF	35	N 21 27 6.4	E 84 43 54.1
		Reamal Range/ Taranga DPF	30	N 21 16 14.8	E 84 34 16.6

	Pallahara Range/ Malyagiri RF near Batisuan	100	N 21 23 03.5	E85 10 31.4
	Pallahara Range/ Jolunda Jokapani PRF	150	N 21 29 41.11	N 85 17 20.53
	Pallahara Range/ Malyagiri RF near Raipal	100	N 21 19 50.26	N 85 18 17.15
	Khamar Range/ Bijagotha K.F.	50	N21 10 01.6	E85 19 15.0
	Khamar Range/ Kunjam RF	100	N21 12 22.0	E85 13 25.8
	Khamar Range/ Bankhol DPF	100	N21 20 49.3	E85 06 07.7
	Khamar Range/ Badsada DPF	100	N21 18 01.4	E85 11 11.1
	Total-	1500		

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(785)

3	Keonjhar	Bardhana RF	300	21 55 0.5	85 44 25.7
		Raigada PRF	200	21 39 22.1	85 25 17.1
		Amuni PRF	180	21 41 4.5	85 27 45.9
		[Without] Raigoda	300	21 39 21.7	85 24 20.6
		[Without]- Amuni	131	21 41 15.2	85 28 28.6
		Atei RF, Compt No-10 near Rohiniduma	120	21 29 28.92	85 58 17.98
		Atei RF, Compt No-10 near Rohiniduma [Without]	50	21 29 28.92	85 58 17.98
		Atei RF	250	21 22 53	85 52 17.5
		Nalapanga RF	200	21 24 16.7	85 42 36.8
		Total-	1731		

Baripada Circle

1	Baripada	24 sites*	2000		
		Total-	2000		
2	Karanja	Pokamunda RF	50	21 47 25.6	85 59 11.2
		Phulguntha RF	50	21 49 58.1	86 42 43.4
		Kujiam RF	50	21 57 43.2	85 55 24.6
		Digposi RF	50	22 4 27.2	85 49 15.1
		Dari RF	50	21 52 18.9	85 58 5.9
		Mota RF	50	21 51 31.5	85 57 11.4
		Pantho RF	50	21 53 29.6	86 1 55.5
		Kuita RF	50	21 53 46.9	86 1 14.3
		Sanandharikhaman	50	21 33 46.7	86 2 18.6
		Handifuta RF - II	150	21 27 40.6	86 9 43.5
		Satkosis Compt. - III	200	21 19 20.3	86 9 12.3
		Ganteisahi	75	22 2 59.7	86 1 5.4
		Kudarbisda	35	21 53 52.0	86 2 26.0
		Begunia RF	40	21 57 10.0	86 3 41.5
		Ektali	50	21 53 45.7	86 5 50.6
		Total-	1000		
3	Rairangpur	Karanjharan Dhusra RF	100	22 09 10.2	86 16 17.9
		Brahmani R.F	100	22 19 53.4	86 13 02.6
		Jari RF	100	22 21 40.3	86 18 54.0
		Chahalapada RF	200		
		Bhitaramda DPF	100		

		Khairpal RF	100	-	-
		Badampahar RF	160	22 05 45.4	86 11 12.2
		Badampahar RF	32	22 05 28.2	86 08 37.5
		Badampahar RF	130	22 04 04.6	86 05 42.4
		Kherna RF	78	22 08 18.8	86 05 03.3
		Barehipani PRF	105	21 57 28.1	86 19 57.58
		Nuniagoda PRF	157	21 56 30.6	86 19 12.4
		Garhsahi PRF	38	21 51 22.2	86 22 57.8
		Total-	1400		
4	Keonjhar WL	Santoshpur RF	575	21° 20' 40.0"	86° 06' 5.97"
		Rebana RF	800	21° 13' 44.8"	85° 57' 10.2"
		Atel RF	538	21° 20' 17.4"	85° 52' 35.5"
		Rebana RF	1087	21° 10' 31.6"	85° 52' 50.8"
		Total-	3000		

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Bhawanipatna Circle

1	Kalahandi North	Funda	200		
		Dangrdungri	50		
		Ghantmal	200		
		Dhamankhunta	60		
		Kukurjhola	250		
		Ranikata	200		
		Kolgaon	200		
		Beherakuni	100		
		Bileikuni	140		
		Chondapala	100		
		Mankadakhola	100		
		Paiksadel	100		
		Antarla	100		
		Kutrupala	200		
		Chipul	350		
		Regdimal	350		
		Samarkata	300		
		Mahagaon	50		
		Singhjharan	150		
		Jodabandh	150		
		Khetupada	150		
		Taprang	150		
		Tileimal	150		
		Gadebandh	200		
		Padampur	100		
		Nuamaunda	100		
		Bodelpali	100		
		Karli	100		
		Betrajpali	100		
		Banjipadar	100		
		Mahendrapur	50		
		Udepur	50		
		Bagdori	100		

		Dambasa	100		
		Rajnapur	100		
		Total-	5000		
2	Kahandi South	Mohangiri PRF	880	N19 33'59.93"	E83 09'35.13"
		Chirka	60	19 21 53.7	82 56 11.0
		Ranipadar RF	40	19 29 27.1	82 57 36.8
		Ranipadar PRF	40	19 30 32.1	82 57 39.5
		Tunapari PRF	140	19 34 03.3	83 01 13.6
		Singari RF (Ganjiguda)	100	19 36 46.8	82 54 30.5
		Dhanrpur	400	19 46 33.3	82 36 05.3
		Kutru	540	19 36 00.6	82 32 01.1
		Kelia	50	19 34 8.35	82 52 6.21
		Kandama PRF	300	N 19 47 44.8	E 83 19 03.7
		Samajhola RF	190	N 19 57 50.9	E 83 25 31.3
		Roul Jhimiri Ext.PRF	50	N 19 43 52.7	E 83 25 22.0
		Champadeipur RF	60	N 19 46 22.6	E 83 25 23
		Patraguda RF	50	N 19 43 52.7	E 83 25 22.0
		Roul Jhimiri Ext.PRF	200	N 19 42 11.1	E 83 21 00.1
		Benakhmar RF	250	N 19 20 23.5	E 82 48 49.3
		Hardsil PRF	250	N 19 20 04.7	E 82 48 05.0
		Khandual	340	N 19 40 40.4	E 83 09 12.8
		Adki	60	N19 45 52.2	E83 00 21.7
		Total-	4000		
3	Subarnapur	Dahaja	50		
		Tileimal	50		
		Saidul	50		
		Badjore	50		
		Tithipali	100		
		Balpur	100		
		Badipudia	150		
		Majhimunda	100		
		Puturapali	100		
		Jampali	50		
		Meghnad	50		
		Deojharna	100		
		Matupali	50		
		Sulia	100		
		Kharapura	100		
		Harinapali	100		
		Sangrampur	100		
		Durdura	100		
		Bahalpadar	100		
		Hatlimunda	100		
		Bhaludungri	100		
		Gudguda	100		
		Debpali	100		
		Total-	2000		
4	Bolangir	Dhumamara	150	N20 41 19.1	E83 25 57.1

Asurdungri	50	N20 38 29.7	E83 26 56.3
Kharlikani	50	N20 39 13.9	E83 26 49.5
Kalijharan	50	N20 41 13.1	E83 25 13.9
Kumuria	50	N20 33 42.8	E83 35 34.8
Barapudgia	100	N20 42 48.9	E83 21 40.0
Ranakhol	50	N20 46 10.4	E83 25 04.8
Patch 2	50	N20 45 47.3	E83 25 09.3
Ganjiapara	100	N20 09 47.3	E82 53 18.2
Titigaon	100	N20 09 47.4	E82 53 18.9
Jubamal	50	N20 22 42.9	E82 44 13.4
Mahakhand	40	N20 23 19.5	E82 47 47.0
Mahakhand	60	N20 24 29.2	E82 46 49.6
Pandren	100	N20 25 28.4	E82 46 46.5
Chaulia	50	N20 22 39.0	E82 53 08.1
Sargiguda	50	N20 24 21.7	E82 54 41.2
Amgaon	75	N20 23 22.4	E83 35 02.1
Tilkmal	75	N20 26 17.0	E83 37 51.9
Sikachhida	100	N20 37 46.3	E83 24 08.9
Sikachhida	50	N20 37 51.3	E83 24 44.0
Ratanpur	50	N20 35 00.5	E83 24 51.1
Babijor	80	N20 33 06.2	E83 28 46.9
Gourgout-I	18	N20 30 06.1	E83 32 54.0
Gourgout-II	22	N20 30 15.7	E83 32 33.2
Kuliabahal	30	N20 33 04.5	E83 28 48.2
Phulakimunda	100	N20 42 32.9	E82 47 55.7
Badgurjibhata	100	N20 44 47.9	E82 50 30.1
Putkelchuan	100	N20 44 43.5	E82 49 57.3
Gundurupali	50	N20 46 48.4	E82 53 35.6
Sindhbahali	100	N20 45 39.8	E82 47 31.3
Jamunapali	100	N20 47 59.1	E82 48 40.3
Khutlumunda	100	N20 30 24.9	E82 51 05.6
Larki	50	N20 30 56.7	E82 48 50.6
Bakbahal	200	N20 27 06.7	E82 47 35.3
Gindel Dunguri	60	N20 31 31.2	E82 45 12.6
Plot 2	40	N20 31 34.6	E82 44 54.7
Lami	70	N20 34 01.4	E82 46 42.5
Plot 2	30	N20 34 34.9	E82 46 07.3
Pipalbahal	150	N20 37 35.1	E82 47 17.9
Chahakapada	100	N20 39 00.0	E82 48 31.2
Rengali	100	N20 37 43.3	E82 52 07.5
Kandagad	50	N20 35 37.3	E82 47 07.2
Chikilli	50	N20 40 32.0	E82 52 42.7
Bender	100	N20 39 16.2	E82 48 54.6
Babja	150	N20 50 01.3	E83 19 20.0
Phalsamal	100	N20 50 12.4	E83 17 40.3
Dumberjharan	100	N20 50 00.8	E83 17 02.4
Patuapali	100	N20 56 14.4	E83 36 54.8
Khaliapali Plot-1	85	N20 56 50.7	E83 25 37.2

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	Plot 2	15	N20 57 22.5	E83 25 23.4	
	Tengera	75	N20 29 59.0	E83 03 29.5	
	Bijamal	75	N20 25 59.7	E83 03 41.9	
	Dangabanji	150	N20 22 01.1	E83 04 52.0	
	Barbandh	150	N20 23 42.6	E83 07 18.5	
	Peruamal	100	N20 23 19.1	E83 02 51.5	
	Damkipali	100	N20 55 19.2	E83 13 14.6	
	Desandh	100	N20 33 54.4	E83 10 46.9	
	Brahmanipali	50	N20 51 47.0	E83 09 07.3	
	Semelmunda	50	N20 36 17.3	E83 08 59.2	
	Kubrimahul	50	N20 36 33.3	E83 11 14.4	
	Jalia	50	N20 33 49.3	E83 06 36.5	
	Phatamunda	50	N20 32 50.7	E83 07 09.4	
	Kusumkani	50	N20 47 42.1	E83 00 16.8	
	Changaria	50	N20 46 54.8	E83 03 49.7	
	Dhunkeda	100	N20 27 51.5	E83 18 05.3	
	Saledamak	100	N20 30 10.2	E83 16 39.3	
	Landapathar	90	N20 31 17.9	E83 18 45.4	
	Sialbahali	80	N20 31 01.9	E83 22 30.4	
	Barikpali	90	N20 31 48.3	E83 12 20.0	
	Surda	90	N20 26 16.9	E83 11 05.4	
	Gokhurung	100	N20 19 10.1	E83 15 49.9	
	Narikata	50	N20 22 30.3	E83 14 50.3	
	Badmal	100	N20 22 30.4	E83 15 54.8	
	Dharapgarh	50	N20 23 39.8	E83 13 01.2	
	Pipilibandh	50	N20 22 10.1	E83 11 39.8	
	Mathanpala	200	N20 18 06.2	E83 13 16.2	
	Total-	6000			
5	Khariar	Choura 'A' PRF- Ranimunda	50	N20 10 43.6	E82 47 46.6
		Khasbahal PRF- Chandel	50	N20 13 17.1	E82 48 32.4
		Choura 'B' PRF- Khasbahal	50	N20 12 32.6	E82 47 07.2
		Karlakote PRF- Dudkibahal	75	N20 22 11.7	E82 37 37.4
		Bajini PRF-Kotamal	75	N20 24 28.0	E82 36 45.3
		Patdarha PRF- ChikalchuaHa	150	N20 23 48.6	E82 49 67.7
		Adipita PRF-Kothiapada	100	N20 11 57.6	E82 31 05.7
		Pipalpani PRF- Muchenmal	50	N20 14 47.0	E82 38 47.3
		Gurudongar PRF-JambahaliHa.	80	N20 16 58.0	E82 33 40.7
		Bundia PRF-Lachipur	50	N20 17 09.4	E82 47 43.0
		Kodal PRF- Kodal	100	N20 14 48.9	E82 42 48.5
		Chulmachhi PRF- Khurd Sikuan	100	N20 13 18.1	E82 44 11.6
		Khirmal PRF-Matritarai	50	N20 12.303	E82 41.448
		Barkot Extn. PRF- Litibahal	100	N20 31 07.22	E82 34 05.30
		Gurudongar PRF-Nagpada	320	N20 24 51.0	E82 34 45.1
		Tandel "C" PRF -Anupgarh	100	N20 32 09.8	E82 42 05.3
		Tandel"B" PRF- Biswanathpur	50	N20 30 43.3	E82 41 56.7
		Tandel"C" PRF- Poinr	50	N20 31 09.2	E82 42 20.8
		Kendubahada PRF- Jamsalebhata	150	N 20.8471	E 82.3953
		Mendhatal PRF- Chacharajharan	100	N 20 42 11.1	E 82 39 18.3

Ghati PRF- Chatipada	100	N 40 43 52..0	E 82 33 50.3
Makhapadar	150	N20 07 18.8	E082 45 04.0
Narayandongri 'A' & 'B' PRF-	200	N20 00 57.3	E082 34 52.5
Koilakhala PRF-SindursilHa.	200	N20 05 53.1	E082 24 15.4
Adipita PRF- MadalpakhanHa.	300	N20 09 21.0	E082 31 24.4
Patdarha PRF- GendulpaniHa	100	N20 09 10.8	E082 26 46.7
Katapada	100	N20 54 35.1	E82 37 32.3
Total-	3000		

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Koraput Circle

1	Rayagada	Mariguda RF	140	19.14950	83.43924
		Kutuli PRF	110	19.10073	83.19793
		Kumbhikotta DPF	150	19.12009	83.25554
		Kumbhikotta DPF	140	19.13603	83.28511
		Rupuni PRF	120	19.10772	83.58492
		Rengalpadu RF	130	19.15297	83.58506
		Mirabali RF	100	19.08176	83.52941
		Virsikapadu PRF	60	19.03514	83.44350
		Takapadu DPF	75	19.01909	83.41034
		Anaka PRF	75	19.05000	83.40583
		Ludrupudi	50	19.42271	83.36711
		Satabisi	50	19.45116	83.39549
		Chichimi	50	19.38795	83.31434
		Tandipur	100	19.27719	84.58806
		Karanja	100	19.55146	83.31667
		Murkakona	100	19.44358	83.24240
		Chatapadar	50	19.56501	83.28653
		Musatakri	50	19.47639	83.02692
		Bantaji	50	19.46925	83.11675
		Mandibisi	100	19.39642	83.16742
		Dandabada	50	19.38861	82.95175
		Pipalapadar	50	19.42200	83.15722
		Rauli	50	19.22644	83.17011
		Taladhadasa	50	19.16291	83.20571
		Podakona	50	19.20634	83.21859
		Badapukel	50	19.19866	83.15164
		Manjurkupa	50	19.76844	83.46517
		Siringili	50	19.76278	83.48325
		Boriguda	50	19.46211	83.47828
		Ghantikhal	50	19.54450	83.51381
		Balimukti	50	19.60286	83.80575
		Bandiri	100	19.63881	83.90397
		Tudukapanga	100	19.66253	83.78753
		Dekadora	100	19.61853	83.65772
		Dangasorada	50	19.61500	83.64503
		Bariguda	100	19.38736	83.60364
		Nuagaon-Tumbalpadu	50	19.32714	83.59228
		Gudango	50	19.76275	83.51083
		Langalbeda	100	19.78131	83.59350

	Maguni	50	19.71425	83.45275	
	Koramohan	50	19.70014	83.51606	
	Karada	100	19.26939	83.64378	
	Duruguda	100	19.24417	83.91761	
	Kandakuti	50	19.24433	83.93147	
	Nuagaon	50	19.10703	83.84836	
	Jhumpapur	50	19.14283	83.93544	
	Pakalamingi	60	19.09006	83.71939	
	Rojaldang	80	19.08897	83.74786	
	Penkam	100	19.20806	83.72311	
	Sikabadi	50	19.18622	83.61917	
	Jhinjirbadi	60	19.25239	83.65986	
	Siriguda	100	19.18025	83.70856	
	Khambaguda	50	19.21175	83.69114	
	Pudapai	50	19.24114	83.60631	
	Tumba	100	19.23492	83.59625	
	Padakapadu	50	19.29058	83.58753	
	Baridi	50	19.02097	83.74825	
	Rumbati	100	19.03997	83.89667	
	Khetaguda	50	19.45184	83.80417	
	Luhagummi	50	19.40741	83.83023	
	Dhagudi	50	19.35146	83.95461	
	Kenduguda	50	19.40539	83.78285	
	Sidhaguda	50	19.34668	83.84764	
	Pitamahal	50	19.33586	83.73772	
	Total-	4600			
2	Koraput	Jarti	105	N18.88308	E82.67011
		Ginjiriguda	10	N18.85277	E82.68758
		Kamaraguda	22	N18.86189	E82.69063
		Belaguda	50	N18.88924	E82.71463
		Bariguda	50	N18.84296	E82.80422
		Panasput	50	N18.89538	E82.71205
		Marichmal	50	N18.72576	E82.93503
		Goudaguda	50	N18.74486	E82.8575
		Kerenga	30	N18.72576	E82.98002
		Chernguda	50	N18.77939	E82.8497
		Machara	50	N18.89078	E82.76803
		Laxmipur RF	152	N18.97944	E83.11033
		Ambaguda	13	N18.98703	E83.14044
		Kutinga	77	N19.03214	E83.17183
		Raisil	101	N18.96086	E83.09622
		Sargighati	140	N19.07786	E83.14694
		Ambliambaguda	95	N18.88122	E82.92478
		Ramji	146	N18.95711	E82.94247
		Totaguda	140	N18.93125	E82.91408
		Hardaput	105	N19.01733	E82.78933
		Bardikar	50	N19.01378	E83.15853
		Muslimunda	188	N18.91714	E83.11614

	Naranga	146	N18.84219	E83.10692	803
	Pipalpadar	130	N18.8818	E83.34354	722
	Piikur	132	N18.88632	E83.124415	
	Atmokonda	130	N18.8389	E83.18142	
	Lowkesili	140	N18.75684	E83.19894	
	Pipal padar	100	N18.88964	E83.36135	
	Naranga	100	N18.84436	E83.0996	
	Kotampadu	120	N18.48323	E83.03673	
	Jodimadili	80	N18.49851	E83.02812	
	Nandapur	117	N18.48571	E82.7683	
	Kulab	55	N18.4994	E82.7827	
	Padwa	101	N18.37668	E82.73189	
	Andreguda	120	N18.32644	E82.71231	
	Sariaput PRF - Mojuguda	50	N18.377289	E82.78174	
	Andruguda RF - Goluru	100	N18.32254	E82.69723	
	Chapadi	90	N18.64339	E82.51875	
	Kodrimaliput	70	N18.66261	E82.57289	
	Balel	95	N18.537	E82.59331	
	Total-	3600			
3	Jeypore	Pondas	50	18.30967	82.68467
		Dhandrakhol	150	18.63133	82.52167
		Jabakanadi	50	18.62367	82.20700
		Sanjeevna	50	18.47933	82.48900
		Ialmunda	100	19.04367	82.78767
		Belaguda	50	18.80100	82.83700
		Matikupuli	50	18.83333	82.73667
		Pakulpada	50	18.85833	82.77300
		Thatuguda	50	18.89367	82.68600
		Total-	600		
4	Malkangiri	Dhobaguda /Dhobaguda	20	18.55753	82.22961
		Doraguda/ Doraguda	20	18.56242	82.13578
		Pititung /Pititung	50	18.57189	81.98961
		Godiali / Godiali PRF	50	18.58058	82.22833
		Sanyasiguda / Dantunguda PRF	100	18.10241	82.20228
		Mantriput /Mantriput PRF	100	18.15274	82.08556
		Teak padar / Dantunguda PRF	80	18.08570	82.20035
		Supal / Supal RF	30	18.00155	81.71668
		Pollur/ Udayagiri RF	30	18.00193	81.05221
		Pedaguda/ Udayagiri RF	30	18.00051	81.05116
		Tegdapalli/Tegdapalli	30	18.01696	8.05186
		Madkaguda (Pititung PRF)	100	18.55208	81.98836
		Jaduguda (DharmadangarPRF)	50	18.51756	81.89756
		Jamuguda (Gopakonda PRF)	20	18.30025	81.95775
		Mongo (Pititung PRF)	30	18.48428	81.97894
		Kukudaguda/Kukudaguda	60	18.36878	81.97178
		Jamuguda (Gopakonda PRF)	30	18.30047	81.95856
		Chimtapalli/Chimtapalli PRF	30	18.16825	82.00553
		Sadasivpur/Balimela PRF	40	18.25222	82.10775

Tunnel Camp/ Mutamkonda	30	18.16839	82.08786
Orkel/Nuagaon RF	30	18.21869	82.07883
Palakaguda/Palkaguda	40	18.40111	82.23344
Malavaram (Malavaram)RF	50	17.39433	81.59792
Muraliguda/ Tadlimetla	50	17.24617	82.09869
Total-	1100		

804
753

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Annexure V-I
Site-wise details of Subsidiary Silvicultural Operations of Degraded Bamboo Forests

**REGENERATION OF DEGRADED BAMBOO FORESTS
as per wage rate Rs.280/- (Man Day)**

Sl No.	Name of Division	Location	Area in Ha.	Geo-coordinates	
				Latitude	Longitude
1	2	3	4	5	6
Angul Circle					
1	Angul	Balanga RF-4	280	20.704833	84.996722
		Balanga RF-5	230	20.676722	85.007056
		Balanga RF-6	300	20.676611	85.007722
		Balanga RF-8	130	20.672194	85.024500
		Nuakheta RF-3	300	20.622000	85.128333
		Nuakheta RF-8	270	20.641778	85.060111
		Buruti PRF-1	340	20.789655	84.881442
		Katada RF-3	425	20.878401	84.838858
		Katada RF-6	425	20.85825	84.838333
		Total-	2700		
2	Dhenkanal	Kandhara RF	1000	N-20°36'23.5"	E-85°18'13.3"
		Total-	1000		
3	Athgarh	Deobhuin RF, C/13	150	N 20 31 25.8	E 85 11 47.6
		Deobhuin RF, C/17	100	N 20 33 26.2	E 85 11 26.1
		Olaba RF, C/6	200	N 20 32. 41.0	E 85 13 24.8
		Chandragiri BRF, C/3 (P)	100	N 20 28 34.9	E 85 12 03.6
		Haladiaseni RF, C/. 5	300	N 20 28 45.9	E 85 20 39.2
		Haladiaseni RF, C/7	300	N 20 28 45.4	E 85 21 12.2
		Total-	1150		
		Circle Total-	4850		
Bhubaneswar Circle					
1	Khurda	Tamana FS	1222	19-53-02.9	85-05-43.6
		Katuwal FS	600	19-51-52.2	85-02-39.8
		Ankula FS	770	19-54-27.0	85-10-30.4
		Rajin FS	747	19-54-12.3	85-00-49.3
		Mal FS	1863	19-57-44.0	85-11-29.5
		Sankhajodi FS	1388	19-57-42.0	85-12-40.0
		Patia FS	1010	19-57-54.3	85-16-16.6
				Total-	7600
2	Nayagarh	Ambalimba "A" Coupe	107.07	N-20 16 56.29	E- 84 67 17.26
		Poibadi "A" Coupe	291.49	N-20 15 05.40	E- 84 50 59.90
		Pokharigochha "A" Coupe	606.95	N-20 19 49.30	E- 84 48 34.00
		Central (North) "A" Coupe	1586.4	N-20 13 51.99	E-84 47 09.39
		Central (South) "A" Coupe	1034.3	N-20 18 35.83	E-84 44 17.40
		Chadeyapalli "A" Coupe	2470.2	N - 20.290521	E- 84.60126
		Nasaghara "A" Coupe	478.07	N - 20.341097	E-84.617293
		Nuagaon "A" Coupe	775.07	N- 20.239028	E-84.576359

	Kuradhinisa Extn. "A" Coupe	651.08	N-20. 21' 04.20	E- 84 32 10.80
	Ragadimada "A" Coupe	1884.47	N-20 14 58.41	E- 84 54 39.72
			N-20 13 56.29	E- 84 57 07.26
			N-20 13 01.10	E- 84 57 14.69
	Ratadei "A" Coupe	763.75	N-20 06 52.92	E- 84 49 35.90
	Sulia "A" Coupe	2237.71	N 20 08 95 80	E 85 02 23 15
			N-19 58 12.38	E-84 56 34.92
	Sapua (North) "A" Coupe	721.59	N - 20 19 43.68	E- 85 06 25.67
	Sapua (South) "A" Coupe	725.31	N - 20 17 09.82	E -85 04 15.55
	Gochha "A" Coupe	1263.09	N-19 55 24.46	E-84 56 12.43
	Gayalasing "A" Coupe	320.56	N-20 04 35.92	E-84 58 53.20
	Patharaganda "A" Coupe	1282.89	20 00 34.51	85 12 39.09
			20 00 22.78	85 12 32.77
			20 02 21.38	85 14 37.86
			20 01 45.99	85 14 24.45
	Total-	17200		
	Circle Total-	24800		

Berhampur Circle

1	Phulbani	Ranipathar N	300	20 34 56.7	84 20 50.8	
		Danga (W)	200	20 37 25	84 16 47	
		Danga(E)	200	20 36 47	84 22 03	
		Sudrukumpa	300	20 32 30	84 15 18	
		Brutang N	400	20 20 58	84 27 20	
		Kalabagh	500	20 33 35	84 02 30	
		Ladapadar	1000	20 24 47	83 56 12	
		Gochhapada	500	20 26 47	84 05 51	
		Brutang S	300	20 21 48	84 30 17.5	
		Baraba	300	19 52 18	84 22 31	
		Badagada	300	19 53 20	84 25 27	
		Machhaghat	400	19 56 12	84 25 48	
		Karada PRF	300	19 52 30	84 12 37	
			Total-	5000		
		2	Baliguda	Kutra B/C 'B'	500	N-19-44-16.9
Pokharibandha B/C 'B'	500			N-20-22-03.4	E-83-52-26.6	
Khamankhol B/C 'B'	500			N-20-22-45.6	E-83-46-25.7	
Pidihary B/C 'B'	300			N-19-50-04.7	E-84-06-56.0	
Dasingbadi B/C 'B'	1200			N-19-47-49.3	E-84-07-53.3	
Dhusari B/C 'B'	900			N-19-41-10.69	E-83-59-06.33	
Sadakia B/C 'B'	1000			N-19-44-03.38	E-84-04-11.33	
Gadapur B/C 'B'	976			N-19-41-56.8	E-84-00-7.9	
Jhiripani B/C 'B'	2024			N-19-44-16.9	E-83-52-26.6	
Lankagarh B/C 'B'	600			N-20-02-42.3	E-83-58-59.7	
Munidigarh B/C 'B'	1500			N-20-02-28.6	E-83-38-27.2	
	Total-			10000		
3	Boudh	Padhel R F C/3	300	N20 31 32.9	E83 46 51.8	
		Matakupa R.F C/5	500	N20 36 29.0	E83 54 35.1	
		Subarngiri R.F. C/20	500	N20 34 06.7	E84 00 31.8	
		Subarngiri R.F. C/9	250	N20 35 30.2	E84 01 03.0	

Subarngiri R.F. C/1	700	N20 36 53.4	E84 11 30.7
Jamukhol R.F C/9a	150	N20 36 17.7	E84 14 45.3
Podhal R.F C/1	150	N20 24 37.5	E84 31 57.2
Mundeswar R.F C/3	300	N20 27 04.9	E84 34 50.5
Mundeswar R.F C/4	200	N20 25 16.2	E84 33 06.5
Mundeswar R.F C/21	250	N20 31 45.2	E84 29 55.2
Mundeswar R.F C/23	250	N20 33 26.0	E84 32 44.8
Hatidhara R.F C/2	250	N20 27 24.6	E84 37 17.9
Hatidhara R.F C/3	100	N20 27 07.8	E84 38 03.9
Hatidhara R.F C/4	100	N20 27 14.9	E84 38 55.6
Hatidhara R.F C/9	200	N20 26 56.6	E84 37 22.4
Aragarh R.F C/5a	200	N20 38 50.6	E84 30 19.5
Aragarh R.F C/10a	300	N20 40 04.9	E84 30 00.2
Arkhapadar R.F C/7	300	N20 35 48.2	E84 36 29.4

Total-	5000		
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4	Gh. South	Jhirjhira B/C in Aska Range	500	84 27 16	19 34 02
		Bhaliaguda B/C in Aska Range	500	84 30 21.5	19 32 83.5
		Karchulli 'A' RF in Buguda Range	250	84 51 34.1	19 53 38.7
		Kiriamba RF compt.4 & 5 in Buguda Range	500	84 55 02.4	19 50 41.6
		Nadiamba 'B' in Polasara Range	300	84 55 47.4	19 49 06.7
		Jokabandha C in Polasara Range	100	84 56 08.8	19 44 52.3
		Nadiamba 'D' in Polasara Range	100	84 59 43.7	19 46 37.5
		Gazalbadi 'B' in Surada Range	100	84 16 18.8	19 51 58.9
		Buduguda 'B' in Surada Range	200	84 13 47.9	19 49 45.2
		Adipanka 'B' in Surada Range	300	84 09 30.8	19 46 40.2
		Pipalapanka 'B' in Surada Range	200	84 17 49.2	19 47 20.0
		Mahisikhata U DPF in Badagada Range	100	84 17 58.2	19 43 52.0
		Goudagotha UDPF, Comptt No. 5 & 7 in Badagada Range	100	84 18 40.7	19 38 55.6
		Merikote UDPF, comptt. No. 4 & 5 in Badagada Range	100	84 16 05.2	19 34 34.2
		Jarau East 'D' Coupe, Badagada 'A' UDPF, comptt. No. 12, 13 14 in Badagada Range	150	84 27 30.2	19 35 41
		Jarau West 'D' Coupe, Badagada 'A' UDPF, comptt. No. 15, 16, 17 in Badagada Range	200	84 22 30.1	19 35 41.2
		Raipada RF, Compt. No.1 & 2 in Badagada Range	200	84 88 52.4	19 40 18.3

		Total-	3900			828 777
5	Gh. North	Rambha cutting series-A	200	N 20 14 95.0	E 84 45 68.7	
		Baibali cutting series-A	200	N 19 98 63.6	E 84 37 91.8	
		Bapangi cutting series -A	200	N 19 99 35.4	E 84 46 87.1	
		Birikote cutting series-A	300	N 20 05 39.8	E 84 42 73.3	
		Durgaprasad cutting series-A	100	N 20 10 27.9	E 84 42 12.0	
		Ragada cutting series-A	200	N 19 78 06.9	E 84 47 77.6	
		Kaliamba cutting series-A	200	N 19 85 07.0	E 84 50 96.7	
		Ambazora cutting series-A	200	N 20 15 02.7	E 84 69 51.9	
		Gundribadi cutting series-A	200	N 20 22 54.8	E 84 69 52.3	
		Lembhei cutting series-A	100	N 20 12 14.9	E 84 68 78.0	
		Tarasingi cutting series -A	100	N 20 09 03.4	E 84 73 34.1	
		Gopadara cutting series -A	100	N 20 21 01.1	E 84 66 27.4	
		Khamana sahi cutting series-A	50	N 20 13 46.1	E 84 65 87.2	
		Kathachira cutting series-A	50	N 20 11 71.5	E 84 59 68.6	
		Dimirijholi cutting series-A	50	N 20 13 50.2	E 84 56 45.9	
		Nobagochha cutting series-A	200	N 20 08 36.0	E 84 77 27.2	
		Banta cutting series-A	150	N 20 05 37.6	E 84 80 46.1	
		Total-	2600			
6	Berhampur	Baniamari RF	400	N19 14 36.0	E84 39 56.2	
		Gaida DPF	100	N19 12 16.4	E84 25 17.6	
		Singharaj RF	250	N19 00 49.7	E84 21 59.2	
		Bengeisahi UDPF	100	N19 09 26.7	E84 22 51.0	
		Dutiasahi UDPF	200	N19 08 17.0	E84 23 59.5	
		Total-	1050			
7	Paralakhemundi	Mohana - A B/C 'B'	200	N 19 27 54.7	E 84 16 15.5	
		Nalaghat - B/C 'B'	500	N 19 31 54.4	E 84 00 57.6	
		Antaraba - B/C 'B'	200	N 19 22 47.9	E 84 04 25.3	
		Damadua - B/C 'B'	200	N 19 31 58.3	E 84 08 28.3	
		Paniganda - B/C 'B'	400	N 19 35 53.4	E 84 04 40.5	
		Bandhasahi - B/C-'B'	500	N 18 92 0.30	E 84 40 57.3	
		Poipani B/C-'B'	500	N 19 11 23.0	E 84 21 26.0	
		R.Udayagiri West -B/C -'B'	200	N 19 17 07.2	E 84 11 35.06	
		Mundamua- B/C -'B'	150	N 19 25 0.5	E 84 15 1.3	
		Chapulikirama - B/C-'B'	150	N 19 26 04.3	E 84 04 81.15	
		Total-	3000			
		Circle Total-	25550			
Sambalpur Circle						
1	Jharsuguda	Sunari-Dungri RF	290	N-21-40-10.30	E-83-47-00.66	
		Total-	290			
2	Sambalpur	Labdera-Bolbunga RF	250	N 21 18 40.94	E 83 58 47	
		Dumercuan-Munder RF- Jhankarbahali	100	N 21 20 54.75	E 84 1 N 21.14	
		Mundher RF	400	N 21 22 36.86	E 84 1 57.28	
		Jaduloisingh-Gunjaghar RF- Jaduloisingh	500	N 21 18 27.77	E 84 1 1.45	
		Kendrapat RF	250	N 21 25 4.3	E 84 4 58.8	
		Hatibari-Bandher RF	250	N 21 22 49.7	E 84 5 14	

		TDRF-Sitlenpali	915	N 21 14 20.5	E 83 58 32	209
		Larasara	219	N 21 11 52.58	E 83 56 29.41	928
		Kolgoan	961	N 21 9 24.53	E 83 58 51.01	
		Goinpura	155	N 21 13 17.93	E 83 57 11.74	
		Total-	4000			
3	Rairakhol	Bindhayabasini B/C-C	170	21 01 24.21	84 24 31.63	
		Hatidhara B/C-C	1500	21 07 22.90	84 27 27.02	
		Kholgarh B/C-C	450	21 05 58.23	84 18 40.77	
		Sagmalia East B/C-C	370	21 02 27.00	84 11 48.40	
		Sagmalia West B/C-C	310	20 57 22.00	84 14 48.00	
		Rahan B/C-C	800	21 02 03.00	84 13 29.00	
		Total-	3600			
4	Bargarh	Dechuan B/C	50	N-21-37-29.77	E-83-33-42.00	
		Lakhanpur B/C	50	N-21-40-20.40	E-83-34-58.82	
		Bugbugi B/C	50	N-21-36-34.11	E-83-31-56.0	
		Jampali-B/C-'B'	80	N-21-08-32.4	E-83-14-6.5	
		Dangarkermeli-B/C-'B'	80	N-21-10-13.0	E-83-13-15.4	
		Pandripani-B/C-'B'	80	N-21-06-16.6	E-83-11-54.4	
		Ganjaguda-B/C-'B'	80	N-21-05-57.7	E-83-09-44.5	
		Jamkhar-B/C-'B'	80	N-21-06-13.9	E-83-04-40.8	
		Ambahal B/C 'B'	50	N 20 52 39.93	E 83 03 43.28	
		Amdahan B/C 'B'	50	N 20 51 07.82	E 83 04 50.78	
		Tentulikhunti B/C 'B'	50	N 20 56 27.95	E 82 59 11.07	
		Saraikela B/C 'B'	50	N 21 06 21.38	E 82 58 12.15	
		Luhurakote B/C 'B'	50	N 21 07 48.11	E 82 59 20.20	
		Jamartala B/C 'B'	50	N 20 52 56.82	E 83 07 04.30	
		Jubakhol B/C 'B'	50	N 20 54 39.39	E 83 07 50.21	
		Saransil BC-B	100	N-21-04-19.4	E-82-52-31.7	
		Temri BC-B	100	N-21-01-17.8	E-82-51-14.8	
		Jamseth B/C-C	100	N-20-54-00.2	E-82-51-23.9	
		Borasambar B/C-C	100	N-20-50-19.7	E-82-47-40.9	
		Total-	1300			
5	Bamara WL	Betjharan B/C D (Compt No.2)	495.315	21 53 1.75	84 28 43.35	
		Bandhabar Esast (Compt No.28,29) D Coupe	444.2	22 4 42.85	84 26 47.82	
		Bandhabar West Compt No.6,7,8,9 & 10)	1393.929	22 4 12.47	84 26 12.47	
		Garpati B/C D Coupe	167.184	21 51 30.5	84 18 26.2	
		Binjipali RF B (Compt No.1)	1138.05	21 33 33.17	84 13.12.03	
		Binjipali RF B (Compt No.2)		21 35 50.04	84 11 45.41	
		Binjipali RF B (Compt No.3)		21 36 7.43	84 12 41.11	
		Binjipali RF B (Compt No.5)		21 35 43.94	84 14 24.49	
		Khajuria RF B/C D (Compt. No.15(P))		833.304	21 41 40.9	84 28 58.1
		Khajuria RF B/C D (Compt. No.16)	21 40 41.0		84 28 43.1	
		Khajuria (Badbahal) cutting series Compt No.17&18	835.92	21 41 55.26	84 27 46.72	

	Khajuria (Kaliparbat Cutting series and) cutting series Compt No.19	862.488	21 27 30	84 42 30
	Pravasuni RF Compt No.11(p)	1166.465	21 35 46.82	84 29 50.62
	Pravasuni RF Compt No. 26 .		21 36 27.67	84 31 36.24
	Pravasuni RF Compt No. 27		21 36 57.72	84 31 27.31
	Bhalukhol	623.48	21 21 24.7	84 20 46.21
	Total-	7960.3		
	Circle Total-	17150		

Rourkela Circle

1	Sundargarh	Garjanpahad RF (Kodbahal)	900	N-21-59-45.9	E-83-39-29.4
		Garjanpahad RF (Hemgir)	1500	N-21-55-59.7	E-83-40-17.3
		Dhanubauns RF (Daghora)	2000	N-21-56-07.9	E-83-37-11.5
		Total-	4400		
2	Bonai	Mahulpada BCC	900	N21 40 9.64	E85 08 59.37
		Ulsura BC D	800	N21 41 48.7	E84 46 23.5
		Kantamunda BC D	2200	N21 58 37.6	E84 34 53.5
		Kelo BC D	1800	N21 47 41.1	E84 37 1.0
		Kunjar BC D	1200	N21 55 17.3	E84 40 40.43
		Sirigida BC D	800	N21 57 36.0	E84 47 24.0
		Dhenkiam BC D	800	N21 57 49.3	E84 49 28.4
		Kusumdihi BC A	500	N22 1 1.8	E84 32 32.7
		Rushimath BCD	1000	N21 47 04.6	E84 35 1.0
		Total-	10000		
3	Deogarh	Pradhanpat RF (P)	2050	21-33-34.6	84-38-26.1
		Pravasuni RF (P)	2700	21-33-23.4	84-38-25.0
		Kansar RF (P) Rambhadevi RF (P)	2200	N 21 26 23.2	E 84 43 35.1
		Badtoila RF (P)	3700	N21 35 00	E84 55 00
		Malyagiri RF (P)	1900	N 21 27 05.0	E 85 14 09.8
		Danda RF	550	21 16 54.9	85 06 41.9
		Biripal RF	400	21 15 48.3	85 06 00.2
		Total-	13500		
		Circle Total-	27900		

Bhawanipatna Circle

1	Kalahandi North	Kadlighati RF -C	312.00	N19 57 50.8	E83 21 36.8
		Brahmani East -C	372.77	N19 59 10.7	E83 04 09.1
		Brahmani West -C	1078.87	N19 59 10.7	E83 04 09.1
		Alma -C	335.01	N19 48 59.0	E83 06 35.3
		Poddara- C	431.21	N19 50 17.3	E83 08 35.6
		Kanamanjur -C	658.52	N19 51 48.2	E83 07 02.6
		Thuapadargundi -C	2433.46	N19 52 12.3	E83 17 02.2
		Telen -C	838.37	N20 11 17.0	E83 41 29.2
		Taparang -C	1051.41	N20 11 09.8	E83 34 23.6
		Satami -C	923.35	N20 16 34.7	E83 38 57.6
		Benaguda East -C	223.00	N20 19 27.2	E83 38 06.1
		Benaguda West -C	1631.00	N20 18 59.3	E83 34 54.3
		Sulia -C	2119.00	N20 21 17.1	E83 41 32.0

		Ramud -C	95.37	N20 15 32.0	E83 33 10.2
		Puijhari -C	757.39	N20 14 05.1	E83 40 08.6
		Urladani East -C	287.69	N20 09 55.0	E83 23 10.4
		Urladani West -C	610.53	N20 09 55.0	E83 23 10.4
		Urladani Central -C	577.15	N20 09 55.0	E83 23 10.4
		Porgel -C	628.06	N20 02 18.1	E83 25 33.7
		Porgel Extension -C	1269.65	N20 01 02.2	E83 28 45.8
		Chura A East -C	702.54	N19 58 11.9	E82 53 58.2
		Chura A West -C	955.57	N20 00 41.6	E82 52 32.5
		Chura B -C	508.08	N20 03 03.5	E82 53 50.6
		Total-	18800		
2	Kalahandi South	Ghana RF(North)	200	N 19 50 11.3	E 83 02 27.9
		Ghana RF(South)	560	N 19 50 59.5	E 83 02 46.8
		Samajhola RF	240	N 19 57 11.3	E 83 25 47.6
		Total-	1000		
3	Subarnapur	Singhasan Bamboo Coupe-B	700	N-21 07 05.81	E-83 54 20.40
		Total-	700		
4	Bolangir	Barghati	200	N20 31 28.4	E83 21 37.7
		Bhimkhol	200	N20 27 49.1	E83 12 02.5
		Kusa	200	N20 30 11.5	E83 11 24.5
		Samar Dangar	200	N20 30 34.3	E83 21 42.7
		Sulla	200	N20 29 26.9	E83 17 40.8
		Barnei RF	200	N20 21 28.7	E83 13 34.1
		Tikhari RF	200	N20 23 53.9	E83 02 10.1
		Khujen RF	100	N20 24 10.9	E82 55 33.7
		Bakahal RF	200	N20 27 22.8	E82 46 52.5
		Raju RF	100	N20 30 20.8	E82 45 44.3
		Bender-I	400	N20 40 05.5	E82 53 46.2
		Bender-II	200	N20 34 59.8	E82 48 53.3
		Bonda RF	100	N20 39 06.1	E83 25 00.6
		Mathkhai RF	100	N20 38 00.2	E83 27 03.5
		Kiribanji RF	400	N20 35 48.7	E83 09 21.8
		Sunadiki RF	200	N20 34 25.7	E83 24 37.7
		Sikerpat RF	200	N20 22 16.8	E83 36 35.4
		Pati RF	100	N20 56 52.4	E83 29 58.2
		Kndukhai RF	100	N20 55 58.0	E83 28 34.0
		Negipali RF	100	N20 55 18.3	E83 31 20.0
		Total-	3700		
5	Khariar	Tandel- A PRF-Bamboo Coupe- 'C'	280	N 20 29 52 32	E 82 41 09.0
		Tandel- B PRF- Bamboo Coupe- 'C'	155	N 20 30 30.37	E 82 41 43.24
		Dharamsagar Bamboo Coupe-C	240	N 20.42064	E 82.69869
		Patdhara Bamboo Coupe-C- Compt-16	680	N 20.208798	E 82.433126
		Patdhara Bamboo Coupe-C- Compt-17	210	N 20.203745	E 82.423759
		Patdhara Bamboo Coupe-C- Compt-11	615	N 20 11 18.9	E 82 26 17.0
		Patdhara Bamboo Coupe-C- Compt-12	560	N 20 11 37.6	E 82 26 49.8
		Patdhara Bamboo Coupe-C-	210	N 20 12 06.9	E 82 25 40.4

		Compt-17			
		Total-	2950		
		Circle Total-	27150		
Koraput Circle					
1	Rayagada	Amilima-A-'B'	500	19.6284	83.8666
		Amilima-B-'B'	250	19.6510	83.8574
		Bijapur-'B'	500	19.4592	83.9046
		Chandrapur-A-'B'	700	19.5446	83.9121
		Chandrapur-B-'B'	400	19.5929	83.6904
		Dangsorada-'B'	500	19.5296	83.6992
		Demagudi-'B'	750	19.6477	83.8084
		Dhepaguda-'B'	400	19.7989	83.6033
		Dudogonda-'B'	600	19.5296	83.6992
		Karlaghati-'B'	500	19.6263	83.6362
		Munargaon-'B'	500	19.5976	83.8481
		Raghubari-'B'	650	19.8849	83.4962
		Andharlima-'B'	500	19.3860	83.7333
		Bamunidangar 'B'	500	19.4539	83.7851
		Lakshmipur 'B'	400	19.3849	83.8102
		Nuaguda-'B'	350	19.3857	83.9542
		Pendili-'B'	400	19.3286	83.7077
		Bhimpur-'B'	400	19.2483	83.9929
		Devla-'B'	500	19.3299	83.6988
		Gomma-'B'	400	19.1612	83.2131
		Kodupadu-B'	500	19.1707	83.2967
		K.Singpur-'B'	300	19.5370	83.3963
		Total-	10500		
2	Koraput	Mathalamba PRF (Comp.1)	300	N18.986111	E83.138028
		Mathalamba PRF (Comp.2)	400	N18.996000	E83.169833
		Mathalamba PRF (Comp.3)	400	N18.986306	E83.136972
		Divida RF	700	N18.84047	E83.26151
		Atmakonda DPF (Comp.3)	400	N18.84216	E83.21923
		Atmakonda DPF (Comp.4)	600	N18.82477	E83.20273
		Baunspat PRF	150	N18.93962	E83.23194
		Dasani DPF	400	N18.94621	E83.24234
		Dandabadi RF	600	N18.91382	E83.20337
		Bejuguda PRF	400	N18.87931	E83.10359
		Pilkur PRF	100	N18.88960	E83.1288
		Naranga PRF	400	N18.85318	E83.10734
		Sunki PRF	250	N18.52257	E83.07071
		Tangini A DPF	300	N18.505	E83.03862
		Tangini B PRF	300	N18.48894	E83.01991
		Total-	5700		
3	Jeypore	Sindhigam (Part)	250	18.8601	82.2884
		Sindhigam (Part)	800	18.8570	82.2916
		Sindhigam (Part)	1640	18.7972	82.2438
		Ghodaghat	930	18.9159	82.2326
		Dondrakhol	1230	18.7897	82.1861

		Total-	4850		
4	Malkangiri	Kondakamberu URL	350	18.22028	82.25418
		Ramaguda URL	400	18.33723	82.25334
		Janbai URL	600	18.13867	82.24314
		Palleru URL	300	18.16844	82.33433
		Sileru Easr URL	400	18.05474	82.14092
		Bhejagiwada URL	400	18.01133	81.96983
		Bhejagiwada URL	450	18.16092	81.97308
		Bhejagiwada URL	500	18.01453	81.9615
		Sileru West RF	600	18.13456	82.13125
		Bhejangiwada URL	700	17.87928	81.65183
		Pusigudem RF	100	17.842617	81.529723
		Bhejangiwada URL	400	17.97219	81.74056
		Bhejagiwada URL	600	18.02946	81.807873
		Mandapalli PRF	200	18.1877	81.89403
		Rajulkonda RF	100	18.04944	81.80951
		Tarlakota PRF	250	18.331056	82.105194
		Tarlakota PRF	250	18.311000	82.060806
		Chitapari RF	400	18.192278	82.072389
		Balimela PRF	350	18.234917	82.108389
		Jhileruguda PRF	700	18.470321	81.881558
		Sarangpalli RF	500	18.6666	82.1833
		Total-	8550		
		Circle Total-	29600		
		Grand Total-	162000		

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**Annexure VII-I
Wildlife Protection Activities**

DETAILS OF WILDLIFE PROTECTION ACTIVITIES

(i) Wildlife Protection Squads (Unit Cost @Rs.17.94 lakh)

Name of Division	Location	Total Amount (Rs.in lakh)
2	3	4
Angul	Bantala	17.94
	Jarpada	17.94
Dhenkanal	Dhenkanal	17.94
	Hindol Range	17.94
	Meramandali	17.94
	Gadasila	17.94
Satkosia Wildlife Division	Tikarpada	17.94
	Purunakote	17.94
	Raigoda	17.94
	Jillinda	17.94
Mahanadi WL	Banigochha West	17.94
	Chhamundia	17.94
	Kusanga	17.94
Athagarh	Narasinghpur East Range	17.94
	Narasinghpur West Range	17.94
Cuttack	Sukinda Range,	17.94
	Tomka Range	17.94
Athmallik	Handapa Range	17.94
Balasore WL	Kuldiha	17.94
	Soro Range	17.94
	Nilgiri Range	17.94
Rairangpur	Rairangpur Range	17.94
Karanjia	Dudhiani Range	17.94
Baripada	Baripada	17.94
Keonjhar (WL)	Anandapur	17.94
	Hadagarh	17.94
STR(CORE)	UBK	17.94
	Nuagaon	17.94
	Jenabil	17.94
	Nawana(S)	17.94
Brahmapur	Tumba	17.94
	Digapahandi	17.94
	Tamana	17.94
	Purunabandha	17.94
Ghumsur (N)	Mujagada Range	17.94
	J.M Prasad Range	17.94
Ghumsur South	Aska- 10 Nos. in Aska Range	17.94
Parlakhemundi	Ramagiri	17.94

	Chandragiri	17.94
Balliguda	Kotagarh	17.94
	Tumudibandha	17.94
Boudh	Boudh Range	17.94
Phulbani	Badabaraba	17.94
Subarnapur	Binka Range	17.94
Bolangir	Harishankar Range	17.94
Kalahandi North	M.Rampur	17.94
Kalahandi South	Sagada	17.94
	Karlapat	17.94
Khariar	Sinapali Range	17.94
Sunabeda WL	Maraguda	17.94
	Sosenge	17.94
Puri WL	Balukhanda Range	17.94
	Astarang Range	17.94
	Gop Range	17.94
Chilika Wildlife Division	Balugaon/ Rambha/ Tangi Range	17.94
	Satapada/ Chilika Range	17.94
City Forest	Bhubaneswar	17.94
Mangrove Forest Division(WL)Rajnagar	Kujanga	17.94
	Mahakalpada	17.94
	Rajnagar	17.94
Chandaka WL	Chandaka	17.94
	Madua	17.94
	Hill Top	17.94
Khordha	Khordha	17.94
Nayagarh	Mahipur Range	17.94
Bhadrak WL	Bhadrak	17.94
	Chandbali	17.94
Rayagada	Muniguda Range	17.94
Jeypore	Gupteswar	17.94
	Kundra	17.94
Nawarangpur	Nawaranpur	17.94
	Papadahandi	17.94
Koraput	Semiliguda	17.94
Malkangiri	Mathili	17.94
Bonai	Kuliposh	17.94
Keonjhar (T)	Ghatagaon Range	17.94
Rourkela	Panposh Range	17.94
	Banki Range	17.94
Sundargarh	Sundargarh Range	17.94
	Bargaon Range	17.94
Sambalpur	Sadar Range	17.94
Jharsuguda	Bagdihi Range	17.94
Rairakhol	Rairakhol	17.94
Bamra WL	Garposh	17.94
	Badbahal	17.94

	Mendhalhal	17.94
Bargarh	Bhatli Range	17.94
Hirakud WL	Lakhanpur	17.94
	Kamgaon	17.94
DD, NZP	Nandankanan	17.94
Total-		1614.60

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(805)

ii) Mobility for Boats for patrolling/anti-depredation/anti-smuggling activities

SL No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Satkosia Wildlife Division	Tikarpada	12.00
2	Mahanadi Wildlife Division	Chhamundia	10.00
		Sunakhania	
3	Athmallik		4.00
4	Keonjhar (WL)		7.00
5	Berhampur		3.00
6	Puri WL		2.00
7	Chilika WL		4.00
8	Mangrove WL		20.00
9	Bhadrak WL		10.00
10	Malkangiri		4.00
11	Hirakud WL		4.00
Total:-			80.00

(iii) Maintenance of control room (Unit Cost @Rs.6.45 lakh)

SL No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	Satkosia Wildlife Division	Angul	6.45
2	Mahanadi Wildlife Division	Nayagarh	6.45
3	Balasore WL	Balasore	6.45
4	Keonjhar (WL)	Anandapur	6.45
5	STR Core	Baripada	6.45
		Jasipur	6.45
6	Sunabeda WL	Nuapada	6.45
7	Puri WL	Puri	6.45
8	Chilika WL	Balugaon	6.45
9	Mangrove WL	Rajnagar	6.45
10	Chandaka WL	Bhubaneswar	6.45
11	Bhadrak WL	Chandbali	6.45
12	Bamra WL	Bamra	6.45
13	Hirakud WL	Sambalpur	6.45
14	DD, NZP	Nandankanan	6.45
Total:-			96.75

Annexure-VII-II

LOCATION WISE DETAILS OF FOREST FIRE PREVENTION AND CONTROL

(i) Fire Fighting Squads (Unit Cost @Rs.5.90 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs.in Lakh)
1	2	3	4
1	Satkosia Wildlife Division	Tikarpada	5.90
		Purunakote	5.90
		Jillinda	5.90
		Raigoda	5.90
		Pampasa	5.90
2	Mahanadi Wildlife Division	Banigochha East	5.90
		Banigochha west	5.90
		Chhamundia	5.90
		Kusanga	5.90
3	Balasore WL	Chandipur	5.90
		Nilagiri	5.90
		Kuldiha	5.90
		Jalesore	5.90
4	Keonjhar (WL)	Anandapur	5.90
		Hadagarh	5.90
		Deogaon	5.90
		Brahmanipal	5.90
5	STR(CORE)	Upper barakamuda	5.90
		Jenabil	5.90
		Pithabata	5.90
		Nawana North	5.90
		Nawana South	5.90
		Chahala	5.90
		Jashipur (S)	5.90
6	Sunabeda WL	Sunabeda	5.90
		Nuapada	5.90
		Komna	5.90
7	Puri WL	Balukhand	5.90
8	Chilika WL	Rambha	5.90
9	Chandaka WL	Bhubaneswar	5.90
		Chandaka	5.90
		Haladia	5.90
		Dampara	5.90
10	Bamra WL	Bamra	5.90
		Badrama	5.90
		Kuchinda	5.90
		Kalasuni	5.90
		Jamankira	5.90
11	Hirakud WL	Lakhanpur	5.90
		Kamgaon	5.90
		Hirakud	5.90
Total:-			241.90

(ii) Fire Fighting Equipments (Unit Cost @Rs.0.61 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Kapilash	7.93
2	Satkosia Wildlife Division	Satkosia Gorge	12.20
3	Mahanadi Wildlife Division	Baisipali Sanctuary	6.10
4	Balasore WL	Kuldiha	10.37
5	Keonjhar (WL)	Hadagarh	6.10
6	STR(CORE)	Similipal	18.30
7	Balliguda	Kotgarh	1.83
8	Parlakhemundi	Lakheriveri Sanctuary	2.44
9	Sunabeda WL	Sunabeda	4.88
10	Puri WL	Konark-Balukhand	2.44
11	Chilika WL	Rambha	3.05
12	Chandaka WL	Chandaka	3.66
13	Mangrove (WL)	Rajnagar	1.22
14	Bamra WL	Badrama	3.05
		Kalasuni	3.05
15	Hirakud WL	Lakhanpur	1.83
		Kamgaon	1.83
		Hirakud	2.44
Total:-			92.72

(iii) Training to Fire-fighting squad (Unit Cost @Rs.0.15 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Satkosia Wildlife Division	Angul	0.15
2	Mahanadi Wildlife Division	Nayagarh	0.15
3	Balasore WL	Balasore	0.15
4	Keonjhar (WL)	Anandapur	0.15
5	STR(CORE)	Baripada	0.15
6	Sunabeda WL	Nuapada	0.15
7	Puri WL	Balukhand	0.15
8	Chilika WL	Rambha	0.15
9	Chandaka WL	Bhubaneswar	0.15
10	Bamra WL	Bamra	0.15
11	Hirakud WL	Hirakud	0.15
Total:-			1.65

(iv) Personal Logistic (Unit Cost @Rs.0.85 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
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1	2	3	4
1	Satkosia Wildlife Division	Tikarpada	0.85
		Purunakote	0.85
		Jillinda	0.85
		Raigoda	0.85
		Pampasa	0.85
2	Mahanadi Wildlife Division	Banigochha East	0.85
		Banigochha west	0.85
		Chhamundia	0.85
		Kusanga	0.85
3	Balasore WL	Chandipur	0.85
		Nilagiri	0.85
		Kuldiha	0.85
		Jalesore	0.85
4	Keonjhar (WL)	Anandapur	0.85
		Hadagarh	0.85
		Deogaon	0.85
		Brahmanipal	0.85
5	STR(CORE)	Upper barakamuda	0.85
		Jenabil	0.85
		Pithabata	0.85
		Nawana North	0.85
		Nawana South	0.85
		Chahala	0.85
		Jashipur (S)	0.85
6	Sunabeda WL	Sunabeda	0.85
		Nuapada	0.85
		Komna	0.85
7	Puri WL	Balukhand	0.85
8	Chilika WL	Rambha	0.85
9	Chandaka WL	Bhubaneswar	0.85
		Chandaka	0.85
		Haladia	0.85
		Dampara	0.85
10	Bamra WL	Bamra	0.85
		Badrama	0.85
		Kuchinda	0.85
		Kalasuni	0.85
		Jamankira	0.85
11	Hirakud WL	Lakhanpur	0.85
		Kamgaon	0.85
		Hirakud	0.85
Total:-			34.85

(v) Fire line Creation & Maintenance (Unit Cost @Rs.0.028 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4

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(809)

1	Satkosia Wildlife Division	Purunakote to Chhotkei	0.22
		Chhotkei to Ganjan Damak	0.22
		Ganjana Damak to Tuluka	0.28
		Chhotkei to Chunabhati	0.34
		Chhotkei to Chuanri via - Kua nali	0.28
		Tuluka to Chuanri	0.45
		Purunakote to Baghamunda	0.56
		Baghamunda to Kadalkhola	0.45
		Fire line to Kadalkhola	0.14
		Fireline to Asanbahal	0.17
		Budhithakurani to Kukurbindha	0.17
		Godabhanga to Kadalkhola	0.14
		Purunakote to Kaiyabanka	0.28
		Tuluka to Bhrukundi	0.34
		Bhrukundi to Kuadoli	0.34
		Tuluka 8 to Jaripani Deulabasa	0.28
		Tuluka to Sisupathar	0.28
		Purunakote to Gouranga Khola - Chahatiapada - Chunabhati	0.28
		Purunakote to Badakheta	0.17
		Hatigiriya to Badadamak	0.11
		Badakheta to Salor	0.11
		Rundipathara to Raida 10 Km	0.28
		Badakheta to Tarava	0.22
		Tarava to Jagannathpur	0.22
		Tarava to Kumuri	0.39
		Tarava - Jaleswar - Asanbahali	0.17
		Sahadachhak to Asanabahali	0.11
		Dihasaahi to Dhobabar	0.22
		Dhobabar to Nuapada	0.22
		Tarava to Bara utha - Baniajore	0.17
		Baniajore - Jamimunda - Salor	0.17
		Kumuri - Jhankadtalla - Nuapada	0.22
		Buchunda Bugura - Tainsi 5 - Nuapada	0.14
		Kumuri - Laimunda - Olaberi - Tainsi	0.28
		Jagannathpur - Hinjadoli	0.22
		Jagannathpur - Murgadhara - Tainsi 9 - Bhalugadani	0.17
		Jagannathpur - Takarsinga via Chhotamunda RF	0.20
		Kulangi to Mathia Kunda - Bhurbhura	0.28
		Takarsinga - Hinsrida	0.14
		Hinsrida - Atharmile - Pampasar	0.20
		Pampasar - Labangi	0.22
Jocub - Chuanri	0.28		
Labangi - Rasanda	0.39		

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		Labangi - Chuanri	0.45
		Balanga 11 - Kantarsinga - Kurum Damak - Raigoda border	0.34
		Jocub - Kanjia Nala - Chuanri	0.17
		Kainabanka-Karadapada	0.20
		Kusakhali - Tikarpada	0.11
		Tikarpada - Katranga Ghat	0.50
		Hatibari - Kandhaida	0.34
		Hatibari - Katranga	0.28
		Kandhaida - Rangakhali-Jhanajhana	0.17
		Karadapada -Hatibari-Kandhaida Road	0.17
		Gohirapada -Kadalikhola Road	0.17
		Majhipada -Kadalikhola	0.39
		Majhipada -Bipradiha	0.56
		Majhipada -Binikel	0.17
		Ramgaon Nallah -Katrang-Jhanajhana	0.34
		Hatibari -Gandhiakhali-Tikarpada	0.17
		Baladamara-Bidamara	0.22
		Chanagudi Nallah-Nirmala	0.42
		Bipradiha-Baradabani Border	0.28
		Majhipada-Beherasahi-Goindi-Colony	0.28
		Baliput - Katranga Ghat	0.56
		Katranga - Katranga Ghat	0.22
		Katranga - Chunabhati	0.56
		Katranga - Tikarpada Border	0.17
		Siribhundi - Chunabhati	0.28
		Katranga - Bankadhara	0.34
		Siaribhundi - Keutunikhola-Sisopathar	0.22
		Siaribhundi - Ramkote-Khalikona	0.45
		Range Boundary & Raigoda RF Boundary	1.40
		Rasanda-Raigoda	0.34
		Raigoda-Border	0.28
		Rasanda - Kuadoli	0.28
		Raigoda - Tersingh	0.39
		Raigoda - Nuakheta Border	0.11
		Rasanda-Bela Basa-Arjuna Darha	0.28
		Kuadoli-Siaridamak-Tersingh	0.28
2	Mahanadi Wildlife Division	Babajimatha to Dhubatu	0.08
		Khaliria to Badajhara	0.14
		Makarprasad Salabani to Nekarganda	0.14
		Babajimatha to Barali	0.11
		Dhubata to Dhelipathar	0.08
		Nuasahi to Chatiyon Kua	0.11
		Maniapanga to Cahandi	0.08
		GanjanTaila to Chaityan Kua	0.08

Kataranga to Gahandi	0.06
Upareberena to Bhulukamani	0.08
Badaganda to Badataila Dera	0.14
Rekadi to Bhaliapadar	0.06
Buariapaju to Madiganda	0.08
Rekadi to Jerenda	0.11
Balikanda to Bhalipadar	0.11
Bagia Taila to Gandhi pani	0.11
Salapadar to Chimutakhola	0.11
Penecikata to Bedadi nalla	0.22
Osamaska dobati to Janakajholanalla Munda	0.20
Janakajholabara to Gandipani Amba	0.14
Bhijhara to Tikirajhara Kuakana	0.14
Bhijhara to Tikirajhara Kuakana	0.14
Kuakana to Karaganda	0.22
Osamaska bata to Bhimilibida Gandipani	0.14
Ideighati to satamundia Gandapani	0.11
Karaganda to Maghadi	0.14
Barakhal to Ganjabania Arakhapadar RF C/N-2	0.56
Bankdebi to Sisubagicha	0.56
Semiguda to Dobati	0.14
PWD Forest road to Badajharanala	0.14
Sitalpani to kalarabanka Padmatola RF C/N-10 & 11	0.08
Kalarabanka to Udandi Padmatola RF C/N-9	0.67
Udandikhola to Saribasa Padmatola RF C/N-7 & 8	0.28
Border to Udandi Padmatola RF C/N-5&8	0.22
Sripaju to Jabangi Nandagadu DPF	0.17
Betenibasas to Badha Nandagadu DPF	0.20
Lodha to Panasabani Nandagadu DPF	0.34
Padmatola to Kudangi Padamatola RF C/N-2	0.62
Sandhathara to Ragudu	0.14
Suneripadarkana to Ranisahibata	0.28
Ranisahi to Barakhala	0.22
Barakhala to Madarmu	0.28
Dwaraghra to Sataguda	0.22

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Domuhani to Pandriguda	0.11
Panidriguda to Suneri	0.20
Dhobaghara to Tinimuhani	0.08
Bamboo Planatation to Ghamariguda	0.08
Ghamariguda to to Barakhal	0.34
Salabhanga to Bansigipada	0.08
Salabhanga to Suneri	0.34
Watch tower to Bangalitaia	0.08
Watch tower to Suneri	0.08
Suneri to Sapapathara	0.11
Check gate to Damaghati	0.08
Jaganaka ghati to kapataia	0.08
Serendabandha to Serendauparabata	0.08
Kusumajhara to Dhulapathara	0.11
Panda bandhi to Barakhal	0.08
Chhataria to Ladabari	0.17
Ranisahi bata to chhatabari	0.11
Bhaliasahui to Burudibata	0.36
Khandadhua uto Khaligoti	0.14
Teak plant to Musiguda	0.17
Kanyadandi to Ragingi matha dandi	0.36
Sundaragoja to Jharkhol	0.36
Iswarpur plant to Haripur	0.11
Gaudabata to Padamandapa	0.08
Ranikhola to Sialiglata	0.11
Kugradhinasa to Paravapathara	0.14
Dengakendu to Kuradhinasa	0.08
Muduligadia to Manganasi	0.07
Manganasi to Kandhajilinda	0.20
Asurakhola to Chemetaia	0.08
Banataia to Purunapani ghati	0.13
Nimandi to Tavakana	0.08
Pandamara to Halka	0.08
Bahali to Ghadasalua	0.07
Pandarajharikhola to Kamamakhola	0.11
Kailikutu Road	0.11
Kailukotu khola to Marada	0.14
Hatithodabarasta- Malisahi to Gergedi Beat boarder	0.11
Badajharana Road to Kuturi	0.11
Hatithodakarasta to Badajharana Road	0.34
Sukhilabadha to Manisigotha to Saganpada	0.11
Manisahigotha to Padmatola	0.34

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	Panimahuala to panchakiari to Bhogabadi to Padmatola	0.11
	Silati to Khantapitha to Sukhilabandha	0.20
	Padmatola Border	0.11
	Purunapani to Gochhabari chhaka	0.56
	Purunapani ext	0.56
	Kainduma to Dandapahada to Mangakona	0.14
	Mangakona to Maisigotha to Purunapani	0.14
	Malasapdar to Salapaganda to Kuradhimani	0.14
	Gochhabari Chhaka to Sakeni	0.20
	Salapaganda to Jamusahi road	0.11
Balasore WL	Aguansahi Water Body to Dhodhoya Nallah	0.21
	Bandhasahi to Tirimara	0.14
	Gadasahi Beat area	0.22
	Chaturi to Bhaluhudia	0.13
	Kapabahali to Belaghai	0.11
	Bandha Sahi to Kaliapanda	0.13
	Kaliapanda to Dangipani	0.06
	Inside Gadasahi Beat	0.06
	Dungupani to Barapada	0.07
	Paschima to Bajrapura	0.09
	Madichua to Pindabasa	0.11
	Salamaghai to Pindabasa	0.07
	Bachuripidha to Singasahi	0.17
	Salabani to Budhatenda	0.14
	Dehurisahi to Kuradhighasa	0.11
	Binatipur to Kalamachua	0.04
	Binatipur to Ranapur	0.04
	Samulai to Binatipur	0.06
	Ranpur to Kalubaich	0.03
	Ranpur to Binatipur	0.04
	Subasgali to Angaragadia	0.03
	Binatipur to Gudugadia	0.03
	Samulai to EDC Hall	0.07
	Gudugadia to Bhalu Chhak	0.03
	Kalamachua to Angaragadia	0.06
	Bengai to Paschima	0.03
	Kasinalah to Paschima	0.03
	Mathc to Dhomakhade	0.03
	Ragudi to Dhomakhade	0.03
	Mathc to Basumati	0.03
	Mathc to Rahidahi	0.04
	Bhojan Padia to Budhamahula	0.04

Sidhaghamura to Mangalbindha	0.06
Baghampada to Sagunabadi	0.04
Suanjara to Uppargadi	0.04
Phatamba to Pukapani	0.04
Bandhasahi to Belabarani	0.04
Nuasahi to Gajamba	0.04
Nuasahi to Chitrasol	0.03
Chitrasol to Raikal	0.04
Durgapur to Balimunduli	0.08
Balimunduli to Gajamba	0.08
Champaipada to Gajamba	0.08
Gajamba to Champaipada	0.03
Sinduria to Karanjahuri - Kendupadia	0.08
Dengachaturi - Kharighati	0.11
Brahmura to Laxmisagar	0.03
Garamkhaliya to Laxmisagar	0.06
Dengachaturi to Kekeramba	0.11
Karighati to Tutkathela	0.03
Khemkot to Kendunal	0.08
Kendunal to Birishpur	0.06
Kendunal to Mallibani	0.08
Khulia to Manbhanga pahadbani	0.06
Tenda Dam to Kalama	0.22
Sinduragoura to Dam	0.08
Chataka to Kalama	0.13
Mahena amba to Jalakori	0.11
Biribadi to Pokhari	0.01
Patchandi to Khemkot	0.06
Jatrapala to Chingidipani	0.11
Nangalamunda to Kanthakoili	0.06
Badaamba to Dengeichaturi	0.15
Amarchatin to Baasachua	0.14
Bamphi to Fotuchulia	0.04
Saltpit to Khundudi	0.06
Khundudi to Kankulichati	0.17
Kankuli to Duluba	0.14
Bhalubasa to Raighati	0.06
Mechhkund to Kaimagadia	0.28
Kalasira to Mukhachaturi	0.20
Jodiasta Pokhari to Balia Depot	0.11
Karanjakhati to Sinduragoura	0.08
Rathakatha Depot to Ougachha	0.14
Chatuni bandha to Baunsabholia	0.11
Bhalubasa Pindi to Jadinallah	0.06

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Sorisadali to Nagachua	0.14
Ambapani to Kalachatiri	0.08
Phatapani to Belbeda	0.06
Balichua to Dalibadadan	0.03
Saguanbadi to Jadagudi	0.06
Akasidahi to Kendupani	0.06
Asan Banka to Tinikosia Chhak	0.08
Purunapani Saltlick to Kankadasila	0.17
Dangarpokhari to Chemchata	0.10
Saltlick to Mahulagadi	0.06
Talagadia Chhak to Chandichua	0.04
Dangrapokhari to Bugeibasa	0.08
Nuapokhari to Baragari	0.03
Chitapal to Keutadahi	0.07
Meadow to Karanjakutha	0.07
Ghusuria Chatan to Durga	0.06
Kendu Banka to Salugadia	0.07
Galugadia to Haladangara	0.06
Manubhanja to Oral Padia	0.07
Galugadia to Dampichhala	0.06
Gajaamba to Domuhari	0.06
Haladangara to Lepaghati	0.06
Gajaamba to Udagibania	0.06
Belagochta to Meralghati	0.06
Dha Chhak to Meralghati	0.06
Dhankunia to Munabandha	0.06
Bhugudi Chhak to Domuhari	0.06
Radhaghati to Ambabanka	0.08
Gujiapathara to Ambulakhata Pokhari	0.06
Office field to Jadjihar	0.06
Mahulbanka to Bhaluhudi	0.08
Balianal to Dherachoda	0.03
Balianal Road to Mukhachaturi	0.03
Hatiapokhari to Balianal	0.04
Saguanbadi to Gadasimulia	0.11
Saguanbadi to Balianal Pokhari	0.07
Cohirabhol to Gadasimulia	0.11
Line Chhak to Susunigadia	0.03
Jodachua Office to Sarabasa	0.08
Jodachua to Kanjipani	0.06
Jodachua to Bhaibhauni	0.06
Kanjipani to Kilamara	0.04
Kanjipani to Pinjarajhar	0.06
Kanjipani to Bamanchua	0.06
Norasottam Chhak to Bhai Bhauni	0.03
Gandidhar to Sarabasa	0.04

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		Kuldiha to Dehela	0.11
		Dahala to Rangamatia	0.06
		Dam to Dholagadia	0.11
		Baicipahachha to Ghanaghara	0.08
		Chanaghar to Sagunajhar	0.06
		Dam to Gajaamba	0.14
		Mitrapur RF (Kalyani, Sankaliapada, Machhua, Kathagochhi & K.P. Mahal)	0.52
		Swarnachuda RF & Mitrapur RF (Mahisapata, Kuanali, Salabani & Patana)	0.59
		Ajodhya RF (Gopaipur, Anandpur, Balyarsahi & Kantasimulia)	0.45
		Swarnachuda RF (Dahanimara, Dengapiasal, Baghamara & Ringpur)	0.57
		Swarnachuda RF (Dahisahi, Kharabani, Kerat Padia & Chalanapal)	0.53
		Tinikosia RF (Nuasahi & Satakholia)	0.43
		Rangamatia UDPF, Bholi PRF, Jahnifulla PRF, Baradiha PRF, Luhapada PRF, Menakasa UDPF, Kusagarh UDPF, Kendukhunta UDPF & Kalajodi UDPF	0.50
		Rangamatia UDPF, Sukjodi UDPF, Begunia VF, Dudhiakhali UDPF, Kharada, Uppar Kundi UDPF, Purunapani UDPF, Kafajodi UDPF, Jahnifulla PRF & Menakasa UDPF	0.62
4	Baripada	Similipal RF	1.40
		Compartment No.SJ4, Compartment No.SJ5 & Compartment No.SJ6	1.12
		Similipal RF (SJ-10-18)	1.40
		Similipal RF(ED-3,4,7,8,11-13)	1.40
		Similipal RF	1.40
		Notto RF	1.40
		Similipal RF(BLE-1,2,3 & 10)	2.80
5	Karanja	Kadadiha Section area	1.40
		Dudhiani Range area	2.36
		Kendumundi Section area	2.80
		Baghlata Section area	2.80
		Kendujiani Section area	1.40
		Badbaliposi Section area	1.40
		Gurguria Range Office area	1.40
		Satkosia Range area	1.40
		Thakurmunda Range	1.40
6	Keonjhar (WL)	Rebana RF	4.20
		Atei RF	4.20

		Santoshpur RF	2.10
		Baranga RF	0.70
		Boula RF	2.80
7	STR Core	In and around Similipal Tiger Reserve	25.98
8	Sunabeda WL	Bongaghati to Gobra (external)	0.70
		Gobra to Tikrapada (external)	0.56
		Talabla to Rupiam	0.20
		Kermeli to kakermeji	0.20
		Golabadh Ghati nallah to kakermeji	0.06
		Bhota to khuikhuliama	0.20
		Kodopali to khaliapada	0.28
		Gandalabahara to Santospada	0.20
		Ranimal to khaliapada	0.20
		Teljharan to jalki	0.28
		Kating pani to khaliapada	0.34
		Santospada to Kanphed	0.20
		Bhotha to Upkapani	0.42
		Chuanpada to upkapani	0.20
		Chiprikhol to Teak plantation	0.14
		Rajkendu to Chuanpada	0.14
		Lodra ghati to Katinpani	0.14
		Katingpani Chhak to Rajakendu	0.08
		Boldhia Khol to Chhuikhal	0.08
		Ulat to Jalkibandh	0.20
		Boirbhadi to Ulat	0.28
		Bhotka pada to Chhot lodra	0.28
		Chhot Lodra to Khaliapada	0.14
		Kodopali to Khaliapada	0.11
		Borra Chhak to Patdarha	0.56
		Gatibeda Patdarha Common Boudary Line	0.56
		Sunabeda to Datunama	0.14
		Rupiam to Jalmadei Boundary Line	0.14
		Rupiam Chhak to Jalmadei Forest Road	0.28
		Jalmadei Ring Boundary	0.11
		Soseng to Deosil	0.28
		Adar to Kechhapakhan	0.11
		Adar to Gudma	0.22
		Soseng to Rupiam Chhak	0.28
		Gudma to Garapara	0.17
		Adar to Jamgaon	0.17
		Patkhalia to Kaliajhola	0.14
		Chereichuan to Badhunbahali	0.11

		Chereichuan to Garapada	0.22
		Jamgaon to mayurnal	0.11
		Chereichuan to Bankiam	0.22
		Akhada to Deodarha	0.22
		Deodarha to Chatimal	0.20
		Bankiam to Rajna	0.22
		Belardana to Haluapali	0.14
		Siletpani to Majhagaon	0.14
		Belardana to Khaliapada	0.11
		Malbhata to Bangaghati	0.22
		Gaighati to Majhgaon	0.11
9	Puri WL	In and around Balukhand Sanctuary	7.00
10	Chilika WL	Pital PRF	1.12
		Jhinkaria UDPF	1.12
		Nandighar UDPF	1.12
		Sanaghati PRF	1.12
		Karakhola PRF	1.12
		Talakhola PRF	1.12
		Ghantasila UDPF	0.28
11	Chandaka WL	Sunakhani DPF	1.68
		Akhanga PF	2.80
		Kujimahar Charichhak to SBP 1130	0.13
		Kumarkhanti charichhak to Banra	0.08
		Firikinali to Kumarkhanti Charichaka	0.11
		Sunaribari to Dist.Border	0.08
		Kateri to SBP	0.07
		Godibari-Kumarkhanti	0.38
		Chandaka RF	2.11
		Bhola RF	0.56
		Barahpita RF	0.13
		Chhatian to Kheluachua	0.22
		Ambakhali to Kheluachua	0.04
		Godabhanga Tangar-Mahuriabari	0.14
		Godibari to Bhalumundia	0.14
		Katurighasa to Jhumuka	0.06
		Pathanagula to Kumarkhanti Charichhaka	0.14
		Chudanga WT to BP No.1309	0.06
		Patharhandia to Banra SBP No.115	0.08
		Pitagadia to Dalakhai	0.14
		Bualigarh to Dalakhai Hilltop Road	0.03

		Charichhak to Dampara Tri-junction via District Boundary	0.22
		Tarakei Rf	0.84
		Bantala PF	0.56
		Kodamunda DPF	1.40
		Brapita RF	1.09
		Jagannath Prasad PRF	0.45
		Bharatpur RF	0.25
12	Bamra WL	Jharsuguda Border (Bamra WL Range)	0.14
		Sisal Farm Adjoint area	0.06
		Rangiatikra to Sagarпали	0.28
		Charchuan to Gardega	0.14
		Charchuan to Rajabasa	0.14
		Mansaru to Kaijharan	0.20
		Birdabahal to Dhudikani	0.08
		Rajabasa to Kadalimunda	0.14
		Dasachatan to Kadalimunda	0.14
		Mainaguda to Kinupada	0.08
		Burbuda to Lolobira	0.11
		Jogimunda to San-firingibahal	0.08
		Bandhabar RF line	0.17
		Jhanghati to Pukhamal	0.20
		Baghamunda DPF to Kinabaga	0.22
		Jarabaga & Baghamunda	0.31
		Sargidhi	0.22
		Geojhumpa RF line to Kuladera side	0.22
		Kariakhaman RF to Chandapahad	0.17
		Kuladera RF to Manjalahansia	0.20
		Sunamunda- Kichinda	0.11
		Kichinda to Jurapali	0.20
		Jurapali to Kadamghat	0.11
		Sunamunda to Dhamunda	0.14
		Nuaroad to Rengalbeda	0.11
		Niktimal to Garfati	0.25
		Niktimal DPF to Mahasimaline	0.14
		Kuladera to Ghunghuti	0.20
		Lalitaguna to Engina of (Bandhabar RF)	0.08
		Sargipali border to Ghunghuti	0.28
		Kesaibahal Hanuman Mandir to Garpati RF	0.17
		Dobhya Chowk to Garpati RF	0.17
		Badkhali to Dethopoda	0.06
		Similbahal to Chatam	0.17
		Kadamghat to	0.20

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Lambujharan , Rabga to Similbahal	0.14
Bihabali to Nuapali	0.17
Jutogudsa to Kanyaashram	0.20
Orampoda to Biridabahal	0.22
Tapuberna to Ghugura	0.08
Bagmura to Jamupali	0.06
Girjap[ada to Orampada	0.06
Naikpada to Kisanpada	0.22
Mundlasakhanguda DPF to Railway Line	0.28
Dumku to Junebar, Sahajbahal area	0.11
Similbahal	0.20
Serlomunda to Charapada	0.25
Mahulmunda to Kalipada	0.22
Budhapahad	0.14
Thakurniktimal PRF	0.42
Satapuri pahada (Hagrudihi)	0.28
Purunapani PRF	0.28
Betjharan RF	0.28
Belmunda DPF	0.42
Kurmimunda DPF	0.28
Vikapali-Kabribahal RF	0.14
Deodhar to Gaigatha	0.14
Chaitra to Ramtileimal	0.14
Katupali VF	0.28
Mohasima line (Bonei)	0.28
Barghat to Burodihi	0.28
Laidaguna DPF	0.28
Tamanguda DPF(B)	0.28
Kalijharan VF	0.28
Khajuria RF & Kandarpa-Lamdura DPF	0.42
Khajuria RF	0.28
Khajuria RF	0.28
Khajuria RF	0.42
Deogarh Division- Jamankira Range Mahasima ,Amilchuan -Kalijharan-Dalka	0.48
Badkudar - Lepitungri- Debitungri	0.14
Kesripat -Sauntimal PRF	0.14
Sialdaraha- Chhelkuthi	0.08
Gireitungri to Gourenghati	0.28
Landijharan to Dhantungri	0.22
Patakhaman to Arjunpali	0.20
Deogarh division- Jamankira Range Mahasima	0.28

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Sauntimal PRF to Ladropal	0.25
Lamra PRF to Katarkela KF	0.56
Jagekhol-Bhoipali - Binjipali RF	0.56
Khairdihi PRF to Binjipali RF	0.56
Jamkholia - Sanbhaluchuan - / Mayournachen to Dhaurakhman	0.28
Akhadadand to Kusumghari	0.17
Kenadhipa to Beluanmal	0.17
Gandakuna to Babamathat	0.22
Lamra PRF to Bisipali	0.11
Phatamunda to Ladampali	0.14
Chugar- Baisnaba - Langparbat- Dangapal- Kariaghati	0.22
Phulghar Ghati- Jhampapipadi Mahasima	0.28
Taranda - Kankadakhol - Sanpurda - Badpurda	0.25
BD RF Compt No.11 to Adgiaranallah	0.28
Ghatitop to BSNL Tower	0.08
Ghatitop to Biswalpali	0.11
Ghatitop, Ushakothi RF Compt No.5 & 6	0.22
Kenduleaf, Kharmunda, Ushakothi RF Compt No.5	0.14
Sanctuary Gate to Adampada	0.06
Dumermunda, Sindria, University Spot	0.25
Sanctuary Gate, Gantab, Lakhapada, Tower No.1	0.22
Chirgenkhol, Tansara, Ushakothi RF Compt No.25(B), Pathuria Forest Road	0.14
Badkhalia to Amalang	0.14
Pithamaren to Rabansa	0.08
Bandhabhuin Nallah to University Spot	0.08
Tower No.1 to Bichutanagr	0.11
Bichutangar to Jharjhari Chowk	0.11
Jharjhari chowk to Dangri	0.08
Latakandi to Taper	0.11
Arjundera to Kanki dungri	0.14
Jadpal to Sulia	0.11
Nunvet to Badibahal	0.17
Sargipali to Nunvet	0.14
Kadpada to Barbetal	0.20
Badpit to Badjharan	0.17

Sargipali to Badjharan	0.14
Gaudpada to Bhutel	0.11
Junapali to Kukur daka	0.14
Baddera to Karngaghati	0.22
Alidhara to Baghikhol	0.17
Brahmanijharan to Patrajhor	0.14
Compt No.29 & 30	0.11
Compt No.45 to 48	0.14
University Spot to Supari Nallah	0.25
Suparinallah to Badpit	0.28
Baglata to Badrama Ghati Top	0.28
Haldibahal to Badrama Ghati Top	0.14
Gopikata to Phathamunda	0.14
Kulundi to Banmal	0.14
Udsung to Badrama road side both	0.31
Udsung to Tilemal	0.11
Udsung to Phalsabahal	0.22
Udsung to Laijhar	0.11
Badrama Ghati to Kudankhol beat, Kadalipal chowk	0.14
Kudankhol to Kadalipal	0.14
Sargipali to Kadalipal	0.08
Budhikuten to Banktal	0.14
Sunamudi to Gariabhal Sanctuary line	0.28
Barkachha to Ratakhandi (Khalasuni RF Compt No.1)	0.14
Ratakhandi to Dumalaam (Khalasuni RF Compt No.1 & 2)	0.14
Dumalaam to Bhalukhol (Khalasuni RF Compt No.2)	0.14
Kisinda PRF	0.14
Bhalukhol PRF	0.42
Kadaliaam to Digabali (Khalasuni RF Compt No.2 & 3)	0.14
Digbali to Rengalam (Khalasuni RF Compt No.3 & 5)	0.14
Rengalaam to Gosainguda (Khalasuni RF Compt No.5)	0.08
Giripur PRF	0.20
Bhoisahiguda to Jharjhari (Khalasuni RF Compt No.6)	0.06
Budhikuten to Jarda (Khalasuni RF Compt No.4 & 6)	0.22

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Jarda to Pakelkani (Khalasuni RF Compt No.4)	0.14
Urada (Bhulki to Kutrakhol)	0.28
Giripur PRF	0.14
Pakelkani to Jharjhari	0.28
Burei to Kuladera Khalasuni RF Compt No.9	0.22
Malipadar to Mahameru (Khalasuni RF Compt No.7)	0.22
Kudisgar to Asruhada (Khalasuni RF Compt No.9)	0.11
Tikra PRF	0.28
Asankhol to Dingiriduma (Khalasuni Compt No.11 & 12)	0.22
Panduakhol to Belaguda (Khalasuni RF Compt No.11)	0.11
Kamlapada to Hingaldhar	0.14
Khalasuni RF line	0.13
Gurdia to Kukudaghara (Khalasuni RF Compt No.11)	0.14
Badiaam to Kuladera	0.14
Turibahal to Haldiadara	0.08
Kuladera to Hiran	0.20
Dalbehera to Pindik	0.20
Champakhol to Barghati	0.06
Khalasuni RF line	0.04
Hitom to Dingriduma (Khalasuni RF Compt No.13)	0.11
Devikhol to Kusarikani (Khalasuni RF Compt No.15)	0.11
Bhegipada to Baghalendi (Khalasuni RF Compt No.15)	0.14
Katangkhoh to Baghachhara (Khalasuni RF Compt No.14)	0.08
Katangkhoh to Sujikhoh (Charichhak)	0.11
Khalasuni RF line	0.15
Ranjana to Ballaam (Khalasun RF Compt No.13)	0.11
Peripathar to Akpadei	0.10
Kendumunda PRF	0.14
Charichhak to Kusarikani	0.14
Hitom to Kuainkhoh	0.14
Dhodrokusum	5.60
Lakhanpur	5.60
Total:-	203.00

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(624)

Annexure-VII-III

DETAILS OF ANTI-DEPREDAATION ACTIVITIES

(i) Anti-depredation Squads (Unit Cost @Rs.17.94 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Angul	Chhendipada-I	17.94
		Kaniha	17.94
2	Dhenkanal	Sardangi Range	17.94
		K. Nagar West Range	17.94
		Kapilash Range	17.94
		Mahabiroad Rnage	17.94
3	Satkosia Wildlife Division	Pampasar	17.94
		Angul Division Office	17.94
		Majhiparha	17.94
		Tuluka	17.94
4	Mahanadi Wildlife Division	Banigochha East	17.94
		Chhamundia	17.94
5	Athagarh	Athagarh Range	17.94
		Khuntuni Range	17.94
		Badamba Range	17.94
6	Cuttack	Dalijoda	17.94
		Jajpur Road	17.94
7	Athmallik	Bamur Range	17.94
		Madhapur Range	17.94
8	Balasore WL	Panchalingeswar	17.94
		Kuntapatna	17.94
		Dhobsila	17.94
9	Rairangpur	Badampahar Range	17.94
10	Karanjia	Satkosia Range	17.94
11	Baripada	Dukura	17.94
		Udala	17.94
12	Keonjhar (WL)	Hadagarh	17.94
		Brahmanipal	17.94
13	STR Core	Nawana (N)	17.94
		Chahala	17.94
		Pithabata	17.94
14	Berhampur	Berhampur	17.94
		Khalikote	17.94
		Samandiapalli	17.94
15	Ghumsur (N)	Bhanjanagar Range	17.94
16	Ghumsur (S)	Guguda Range	17.94
		Surada Range	17.94
17	Parlakhemundi	Mohindra	17.94
18	Balliguda	Balliguda	17.94

		Bamunigaon	17.94
19	Boudh	Kantamal	17.94
		Madhapur	17.94
20	Phulbani	Tikabali	17.94
20	Subarnapur	Sonepur Range	17.94
		Ullunda Range	17.94
21	Bolangir	Loisingha Range	17.94
22	Kalahandi (N)	Narla	17.94
23	Kalahandi South	Jugsaipatna	17.94
24	Puri WL	Brahmagiri Range	17.94
25	City Forest	Bhubaneswar	17.94
		Cuttack	17.94
26	Mangrove WL	Gahirmath	17.94
		Kanika	17.94
		Rajnagar	17.94
27	Chandaka WL	Malimuhna	17.94
		Dholakatha	17.94
28	Khordha	Balugaon	17.94
		Ranpur	17.94
29	Nayagarh	Oda gaon Range	17.94
30	Rayagada	Rayagada Range	17.94
		Tikiri Range	17.94
31	Jeypore	Kotpad	17.94
		Borigumma	17.94
32	Nawarangpur	Raighar	17.94
33	Koraput	Koraput	17.94
34	Malkangiri	Chitrakonda	17.94
35	Bonai	Jarda Range	17.94
36	Deogarh	Khamar Range	17.94
37	Keonjhar (T)	Telkoi Range	17.94
		keonjhar Range	17.94
38	Rourkela	Banki Range	17.94
		Rajgaganpur	17.94
39	Sundargarh	Kujalpur	17.94
		Lepharipara	17.94
40	Sambalpur	Rengali	17.94
41	Jharsuguda	Kolabira	17.94
42	Rairakhol	Charmal	17.94
		Naktideul	17.94
43	Bamra WL	Kuchinda	17.94
		Badrama	17.94
		Kisinda	17.94
44	Bargarh	Padmpur	17.94
45	Hirakud WL	Samardhara	17.94
		Dhodrokusum	17.94
Total:-			1506.96

836
 (825)

(ii) Details on Engagement of Tracker (Unit Cost @Rs.2.78 lakh)

831
B26

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Angul	Pokunda Sec.	2.78
		Nuabalanda	2.78
2	Dhenkanal	Dhenkanal	2.78
		Hindol	2.78
		Joranda	2.78
		Sadangi	2.78
		Kamakshya nagar West	2.78
		Mahabir Road	2.78
3	Satkosia Wildlife Division	Pampasar,	2.78
		Purunakote	2.78
4	Mahanadi Wildlife Division	Banigochha East	2.78
		Kusanga	2.78
5	Athagarh	Badamba Range	2.78
		Athagarh Range	2.78
6	Cuttack	Tomka/Sukinda	2.78
7	Athmallik	Madhapur	2.78
		Athmallik	2.78
		Bamur	2.78
8	Balasore WL	Nilgiri Range	2.78
		Soro Wildlife Range	2.78
9	Rairangpur	Bahalda Range	2.78
10	Karanja	Gurguria Range Office area	2.78
11	Baripada	Betnoti	2.78
		Bangriposi	2.78
12	Keonjhar (WL)	Hadagarh	2.78
		Deogoan	2.78
		Brahmanipal.	2.78
13	STR(CORE)	Nawana(S)	2.78
		Pithabata	2.78
14	Berhampur	Khailikote	2.78
		Satrusalya	2.78
15	Chumsur (N)	Bhanjanagar	2.78
		Tarasingi	2.78
16	Chumsur (S)	Guguda Range	2.78
		Surada Range	2.78
17	Parlakhemundi	Chandiput	2.78
		Bhismagiri	2.78
18	Balliguda	Kotgarh	2.78
		Belghar	2.78
		Tumudibandha	2.78
19	Boudh	Kantamal	2.78

		Madhapur	2.78
20	Phulbani	Tikabali	2.78
		Raikia	2.78
21	Subarnapur	BM pur Range	2.78
		Ullunda Range	2.78
22	Bolangir	Bolangir Range	2.78
		Loisingha Range	2.78
23	Kalahandi (N)	M.Rampur	2.78
		Naria	2.78
24	Kalahandi (S)	Jupshaipatna	2.78
		Sagada	2.78
		karlapat	2.78
25	Chilika WL	Rambha	2.78
26	Chandaka WL	Pathargadia	2.78
		karadapalli	2.78
		Pithakhia	2.78
27	Khurda	Khorda	2.78
		Balugaon	2.78
28	Nayagarh	Panchiriba	2.78
		Oda gaon Range-Gochha	2.78
29	Rayagada	Muniguda Range	2.78
30	Koraput	Koraput	2.78
31	Malkangiri	Balimela	2.78
32	Bonai	Sole	2.78
		Barsuan	2.78
33	Deogarh	Reamal	2.78
		Pallahara	2.78
34	Keonjhar (T)	Naranapur	2.78
		Kanjipani	2.78
		Khiretangir	2.78
35	Rourkela	Panposh	2.78
		Bishra	2.78
		Rajgangpur	2.78
36	Sundargarh	Sundargarh	2.78
		Kujalpur	2.78
		Bargaon	2.78
37	Sambalpur	Padiabahal	2.78
		Bhama	2.78
38	Jharsuguda	bagdihi	2.78
		Kolabira	2.78
39	Rairakhol	Girishchandrapur	2.78
		Naktideul	2.78
		Badmal	2.78
40	Bamra WL	Kholbilung	2.78
		Jamankira	2.78
41	Bargarh	Bhatli	2.78
		Padmpur	2.78
42	Hirakud WL	Lakhanpur	2.78

	Jhagadabehera	2.78
Total:-		250.20

939
928

(iii) Elephant-Train collision mitigation plan

SL No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Berhampur	Division	5.00
	Keonjhar (T)	Division	7.00
	Rourkela	Division	6.00
Total:-			18.00

Annexure-VII-IV

DETAILS OF VOLUNTARY RELOCATION OF VILLAGES

(i) Relocation of villages

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Karanjia	Barigaon	500.00
2	Keonjhar (WL)	Pitanau West	1071.00
Total:-			1571.00

Annexure-VII-V

ACTIVITIES UNDER HABITAT IMPROVEMENT

(i) Creation of water body (40 m.x30 m.x3m.) (Unit Cost @Rs.5.60 lakh)

SL No.	Name of Division	Location	Total Amount(Rs.in lakh)
1	2	3	4
1.	Angul	Nuakheta RF	5.60
		Khinda BLG-4	5.60
2.	Athmallik	Ghosarakhol Taleipathar Compt No-5	5.60
		East Baruni Compt No-3	5.60
3	Satkosia Wildlife Division	Tulka RF Compt. No.9	5.60
		Raigoda RF Compt. No.6	5.60
		Kuru RF Compt. No.1	5.60
4	Dhenkanal	Kapilash WL sanctuary	5.60
		Anantapur RF	5.60
5	Mahanadi Wildlife Division	Banigochha East	5.60
		Chhamundia	5.60
6	Athagarh	Barakhola, Compt. No. 2	5.60
		Baniabandha RF	5.60
7	Cuttack	Amiyajhari, Byree beat, Dalijoda Range.	5.60

8	Rairangpur	Charkadihi	5.60
9	Karanja	Kalaitumba	5.60
		Inside Mankadbeda RF	5.60
10	Baripada	Changhana	5.60
		Kutling	5.60
11	Keonjhar (WL)	Rebana RF	5.60
		Atei RF	5.60
		Santoshpur RF	5.60
12	Ghumsur (N)	Ragada RF C/2	5.60
		Kaliamba RF C/3	5.60
13	Ghumsur (S)	Kadapada RF at Kumunda of Buguda Range	5.60
		Pandakhola RF, Comptt. 23, of Surada Range	5.60
14	Balliguda	Makadola	5.60
		Kakamaska	5.60
15	Boudh	Bankamundi RF C/6	5.60
		Subarnagiri RF, C/13	5.60
16	Phulbani	Sudrukumpa	5.60
		Raikia	5.60
17	Subarnapur	Gadgadbahal	5.60
		Singhijuba	5.60
18	Bolangir	Banji RF	5.60
		Sunaadiki RF	5.60
19	Kalahandi (N)	Kadlighati RF	5.60
		M.Rampur	5.60
20	Kalahandi (S)	Dunda	5.60
		Ratanpala	5.60
21	Khariar	Chakadongar PRF	5.60
		Kamkeda-Tandel 'C' PRF	5.60
22	Sunabeda WL	Moti Nalla	5.60
		Bendra chuan	5.60
23	Puri WL	Guhalpur	5.60
		Manguleswar	5.60
24	Chilika WL	Nandighar DPF	5.60
25	Mangrove WL	Sahadabedi	5.60
		Kalibhanjadia	5.60
26	Chandaka WL	Kaniar Tangara, Bholo RF	5.60
27	Nayagarh	Ragadimada RF C/8	5.60
		Guriabari RF	5.60
28	Rayagada	Gumma RF	5.60
		Kodupadu RF	5.60
29	Jeypore	Jhodiguda (Boipariguda RF)	5.60
		Dhandhrakhol RF	5.60
30	Nawarangpur	Jiraguda	5.60
		Kongra	5.60
31	Malkangiri	Jhileruguda	5.60
		Kamalapadar	5.60
32	Bonai	Raipiri RF	5.60

		Raipiri RF	5.60	844
33	Deogarh	Khajuri RF near Laimura	5.60	830
		Paudi RF near Purunapani	5.60	
34	Keonjhar (T)	Kalapat RF - Similipal	5.60	
		Sankoi RF - Madhyapur	5.60	
35	Rourkela	N. Chirobeda RF	5.60	
		Hatibari	5.60	
36	Sundargarh	Gitpahadi	5.60	
		Patkijore	5.60	
37	Jharsuguda	Patmahal PRF	5.60	
		Badamal VF	5.60	
38	Rairakhol	R Badmal RF	5.60	
		Rahan RF	5.60	
39	Bamra WL	Bandhabar RF	5.60	
		Pravasuni RF	5.60	
		Binjipali RF	5.60	
		Badrama RF	5.60	
40	Bargarh	Dechuan RF (Kurel Khol)	5.60	
		Budhadangar PRF Near Jamartala	5.60	
		Chirolipathar PRF	5.60	
Total:-			453.60	

**(ii) Maintenance of Water Body created during previous years.
(Unit Cost @Rs.0.91 lakh)**

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Angul	Nuakheta RF 2	0.91
		Nuakheta RF 6	0.91
		Similipathar RF Comptt No.8	0.91
		Antulia Tabada Comptt No.4	0.91
		Marudhipa PRF	0.91
2	Athmallik	Nuagaon RF Compt No-3	0.91
		Muchhapur KF	0.91
		West Baruni RF Compt no.2	0.91
		West Baruni RF Compt no.1	0.91
		East Baruni RF Compt no.7	0.91
3	Dhenkanal	Anantapur RF	0.91
		Ranjagarh RF	0.91
		Aswakhola RF	0.91
		Kapilash RF	0.91
4	Satkosia Wildlife Division	Majhipada RF Compt. No.11 (Sanacharata)	0.91
		Tikarpada RF Compt.6 (Gandhiakholi)	0.91

		Kuru RF Compt. No.7 (Damasuturi)	0.91
		Majhipada RF Compt.13 (Hatigiriya)	0.91
		Purunakote RF Compt.10 (Phulgunka area)	0.91
		Katrang Compt. No.9 (Ranibandha)	0.91
		Takarsingha RF Comptt. No.3 (Kulangi bandha)	0.91
		Tainsi RF Compt.4 (Asanabahali)	0.91
5	Mahanadi Wildlife Division	Banigochha East	0.91
		Banigochha West	0.91
		Chhamundia	0.91
		Kusanga	0.91
6	Athagarh	Deobhuin RF,Compt. No. 5	0.91
		Deobhuin RF, Compt. No. 8	0.91
		Barakhola RF, Compt. No. 3	0.91
7	Cuttack	Mohagiri DPF near village Ballia, Patapur beat, Sukinda range	0.91
		Pubal DPF near village pubal, mangalpur beat, Sukinda range	0.91
		Daitary DPF near village Parana, natur-3 beat, Sukinda range.	0.91
8	Balasore WL	Mundhia water body	0.91
		Bubeibasa water body	0.91
		Badasal water body	0.91
		Jodachua Water body	0.91
		Dabapokhari	0.91
9	Rairangpur	Budheirana R.F (Jatapani)	0.91
		Kherna R.F	0.91
		Majhipokhari	0.91
10	Karanjia	Sarubhadi RF	0.91
		Kanthikna	0.91
		Kukudabadi	0.91
		Kumudabadi	0.91
		Kalikaprasad	0.91
11	Baripada	Ludhakundia	0.91
		Ghanghana	0.91
		Bankati	0.91
		Hatidihi	0.91
		Nahara	0.91
12	Keonjhar (WL)	Rebana RF	0.91
		Atei RF	0.91
		Santoshpur RF	0.91
		Boula RF	0.91
13	STR(CORE)	Kabatghai	0.91
14	Ghumsur (N)	Dudumi East	0.91
		Kaliamba RF C/6	0.91
		Ragada RF C/2	0.91
		Gallery RF C/14	0.91

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(83)

15	Ghumsur (S)	Sidhanal in Aska Range	0.91
		Bajrakote in Aska Range	0.91
		Chancharapalli in Buguda Range	0.91
		Sankulei in Buguda Range	0.91
16	Balliguda	Pringle	0.91
		Madaguda	0.91
		Budaguda	0.91
17	Boudh	Jajpur RF C/3	0.91
		Aragarh RF C/5	0.91
		Mundeswar RF C/39	0.91
		Podhal RF C/3	0.91
18	Phulbani	Raikia	0.91
	Subarnapur	Singhijuba	0.91
19		Mahada	0.91
		Siali	0.91
20	Bolangir	Banji RF	0.91
		Sunaadiki RF	0.91
		Sunaadiki RF	0.91
		Sunaadiki RF	0.91
21	Kalahandi (S)	Phurlinata	0.91
		Suaghati	0.91
		Jakam Chowk	0.91
		Ratanpala	0.91
22	Khariar	Dumerjore- Kodal PRF	0.91
		Tulsipada-Choura PRF	0.91
		Danujhola	0.91
		Mallickmunda	0.91
23	Sunabeda WL	Near Bhimbhata	0.91
		Tijharan	0.91
		Chuan pada	0.91
		Phulwari	0.91
		Thelkobeda	0.91
24	Puri WL	Balighai PRF	0.91
		Balighai PRF	0.91
		Balighai PRF	0.91
		Ramachandi F.S	0.91
		Manguleswar F.S	0.91
		Konark F.S	0.91
		Isaneswar F.S	0.91
		Kurujang F.S	0.91
25	Chilika WL	Rambhartia PRF	0.91
		Berhampura PRF	0.91
		Pital PRF	0.91
		Jhinkaria DPF	0.91
		Karakhol PRF	0.91
		Berhampura PRF	0.91
26	Mangrove WL	Gadahasipur	0.91
		Bhitarkanika	0.91

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832

		N Mahisamada	0.91	844
27	Chandaka WL	Golagada	0.91	833
		Dholakatha	0.91	
		Salabari	0.91	
		Pithakhia	0.91	
		Kochilaberena	0.91	
28	Khurda	Khordha	0.91	
		Balugaon	0.91	
		Tangi	0.91	
29	Rayagada	kesinghpur	0.91	
		Dangasarada	0.91	
		Ambadala	0.91	
		Chandrapur	0.91	
30	Jeypore	Jetiaguda	0.91	
		Dhandhrakhol RF	0.91	
		Malchama-I	0.91	
		Raniguda	0.91	
31	Nawarangpur	Disariguda inside Betjharan RF of Nabarangpur Range	0.91	
		Jobaguda inside Deobangari RF of Kodinga Range	0.91	
		Gumudali inside Podabasa RF of Kodinga Range	0.91	
		Ponduguda inside Atigam RF of Kodinga Range	0.91	
		Tulsipadar inside Maidalpur PRF of Dabugam Range	0.91	
		Godegam inside Godegam PRF of Dabugam Range	0.91	
32	Malkangiri	Kamarguda	0.91	
		Nakamamudi	0.91	
		Orkel	0.91	
		Chadeiguda	0.91	
33	Bonai	Toda RF	0.91	
		Toda RF	0.91	
		Rushimath RF	0.91	
		Rushimath RF	0.91	
		Raipiri RF	0.91	
		Raipiri RF	0.91	
		Raipiri RF	0.91	
		Raipiri RF	0.91	
		Kuliposh	0.91	
		Koira Range	0.91	
Koira Range	0.91			
34	Deogarh	Chialantikhol PRF near Jharagogua	0.91	
		Pravasunmi RF near Jualibhanga	0.91	
		Badtaila RF near Kantapali	0.91	
		Badtaila RF near Makarmunda	0.91	
		Palsama K.F near Palasama Village	0.91	
		Tarang PRF near Thakaramal	0.91	

		Malyagiri RF near Boitasarel	0.91
		Malyagiri R.F near Tambur Village.	0.91
35	Keonjhar (T)	Kalapokhari	0.91
		Ghuntutposi	0.91
		Ahigola	0.91
		Raisuan	0.91
		Kollisuta	0.91
36	Rourkela	Panposh	0.91
		Banki	0.91
		Rajgangpur	0.91
		Biramitrapur	0.91
37	Sundargarh		0.91
			0.91
			0.91
38	Sambalpur	Bhalugard	0.91
		Daldali-1	0.91
		Jhareikata	0.91
39	Jharsuguda	Malimunda VF	0.91
		Deopali VF	0.91
		Kosuraloi "B"	0.91
		Multi VF	0.91
		Mohulamunda PRF	0.91
40	Rairakhol	Tal-Kholgarh corridor area.	0.91
		Tal-Kholgarh corridor area.	0.91
		Kholgarh	0.91
		Luhabir	0.91
		Dedra	0.91
41	Bamra WL	Bandhabar RF	0.91
		Betjharan RF	0.91
		Khajuria RF (Kuchinda WL Range)	0.91
		Pravasuni RF	0.91
		Khajuria RF Jamankira WL Range	0.91
		Binjipali RF	0.91
42	Bargarh	Chardapali PRF	0.91
		Mahadasini PRF	0.91
		Adhual PRF	0.91
43	Hirakud WL	Dhodrokusum	0.91
		Lakhanpur	0.91
Total:-			171.080

**(iii) Plantation of Fruit Bearing Trees around water bodies
(50 Plants/Unit) (Unit Cost @Rs.474/ Plant)**

SL. No.	Name of Division	Location	Total Amount (Rs in lakhs.)
1	Angul	Nuakheta RF 2	0.237
		Nuakheta RF 5	0.237
		Katada RF Comptt No-3	0.237
		Similipathar - 8	0.237

		Chhendipada RF	0.237
		Kankurpal RF	0.237
		Kurudu PRF - I	0.237
		Burti PRF Compt No. V	0.237
		Kanheijena RF	0.237
		Bulajhar RF	0.237
		Badakathia R.F	0.237
2		Patakaman RF	0.237
	Dhenkanal	Dhenkanal	0.237
		Hindol Range	0.237
		Kapilash	0.237
		Sadangi	0.237
		K.Nagar east	0.237
		K.Nagar West	0.237
		Mahabirod	0.237
		Bhuban	0.237
3	Satkosia Wildlife Division	Katrang Compt. No.9 (Ranibandha)	0.237
		Katrang Compt.4 (Khajuri nalia)	0.237
		Katrang Compt.10 (Similikhola)	0.237
		Katrang Compt.8 (Narada Ghai)	0.237
		Raigoda compt. No.1 (Brahmani Dei)	0.237
		Raigoda Compt.2 (Majhikhaman)	0.237
		Raigoda Compt.5 (Sathleekara)	0.237
		Raigoda Compt.6 (Tuluka patia)	0.237
		Balanga Compt. No.11 (Kantarsingha Bandha)	0.237
		Kuru RF Compt.1 (Dihasaki bandha)	0.237
4	Balasore WL	Mundhia water body	0.237
		Bubeibasa water body	0.237
		Badasal water body	0.237
		Jodachua Water body	0.237
		Dabapokhari	0.237
		Gendachaturi	0.237
		Saltpit water body	0.237
		Jodiasta water body	0.237
		Khundudi Water body	0.237
		Ambapada Water body	0.237
5	Karanjia	Kalaitumba	0.237
		Inside Mankadbeda RF	0.237
		Inside Banamunda RF	0.237
6	Baripada	Changhana	0.237
		Kutling	0.237
		Dhaundia	0.237
		Bhandasahi	0.237
7	Keonjhar (WL)	Rebana RF	0.711
		Atei RF	0.711
		Santoshpur RF	0.474
		Boula RF	0.474

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8	Berhampur	Pananuagaon	0.237
		Kanthiguda	0.237
		Uttama-Digapa	0.237
		Mathura	0.237
9	Balliguda	Belghar	0.237
		Madaguda	0.237
		Dupi	0.237
10	Phulbani	Sudrukumpa	0.237
		Raikia	0.237
11	Bolangir	Banji RF	0.237
		Sunaadiki RF	0.237
		Sikepat RF	0.237
12	Subarnapur	Gadgadbahal	0.237
		Singhijuba	0.237
		Baradunguri	0.237
		Singhijuba	0.237
		Mahada	0.237
		Siali	0.237
		Kasalpur	0.237
		Gadgadbahal	0.237
		Nandighospali	0.237
12	Kalahandi (S)	Dunda	0.237
		Ratanpala	0.237
		Sankarpala	0.237
		Ankri	0.237
		Ruptakhuti	0.237
		Kurkuti	0.237
		Luratekri	0.237
		Surguda	0.237
		Parlang	0.237
		Phurli	0.237
		Loharadungari	0.237
		Surlipadar (Karlapat RF)	0.237
		Merkil (Nehela RF)	0.237
		Dhobanchachara (Karlapat RF)	0.237
		Surlimali (Karlapat RF)	0.237
		Bileibhata (Karlapat RF)	0.237
		Kwespat (Karlapat RF)	0.237
Kutuljore (Karlapat RF)	0.237		
Sanchapra (Nehela RF)	0.237		
13	Khariar	Tulsipada-Choura PRF	0.237
		Choura A PRF-Kampaniguma	0.237
		Danujhola	0.237
		Mallickmunda	0.237
		Ghati PRF	0.237
		Kanabhaira PRF	0.237
		Darlipada-Kendumunda 'C' PRF	0.237

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		Darlipada-Koilkhala PRF	0.237	0.237
		Masankunda 'A' PRF	0.237	
		Jampani PRF	0.237	0.237
14	Sunabeda WL	Moti Naila	0.237	
		Bendra chuan	0.237	
		Bijakhol	0.237	
		Harlajholka	0.237	
		Bhotha	0.237	
		Pradhan dongri	0.237	
		Katingpani	0.237	
		Bhaosil	0.237	
		Gurjibhata	0.237	
		Birmat	0.237	
		Kendubhata	0.237	
		Kendumathan	0.237	
		Jamkhola	0.237	
		Deodarha	0.237	
		Dharabhata	0.237	
		Kholigaon	0.237	
		Chikili	0.237	
		Chhatabeda	0.237	
		Siletpani	0.237	
		Lodra	0.237	
		Malpada	0.237	
		Michhapali	0.237	
15	Puri WL	Balighai PRF	0.237	
		Balighai PRF	0.237	
		Balighai PRF	0.237	
		Ramachandi F.S	0.237	
		Manguleswar F.S	0.237	
		Konark F.S	0.237	
16	Chandaka WL	Jaria	0.237	
17	Khurda	Khordha	0.474	
		Balugaon	0.474	
		Tangi	0.237	
		Tangi	0.237	
		Ranpur	0.948	
18	Jeypore	Malchama -2	0.24	
		Malcham-1	0.24	
		Pokhnaguda	0.24	
		Rexkanadi	0.24	
19	Nawarangpur	Disariguda inside Betjharan RF of Nabarangpur Range	0.237	
		Jobaguda inside Deobangari RF of Kodinga Range	0.237	
		Gumudali inside Podabasa RF of Kodinga Range	0.237	
		Ponduguda inside Atigam RF of Kodinga Range	0.237	

		Tulsipadar inside Maldalpur PRF of Dabugam Range	0.237	849
		Godegam inside Godegam PRF of Dabugam Range	0.237	832
		Khajuri inside Barli RF of Dabugam Range	0.237	
		Birisadi inside Torenga RF of Umerkote Range	0.237	
		Karamari inside Podagada RF of Umerkote	0.237	
		Kariapada inside Panabeda PRF of Jharigam	0.237	
		Pandkichapar inside Deobahndha PRF of Jharigam Range	0.237	
		Gochaguda inside Bharsundi RF of Raighar Range	0.237	
		Junanipara inside Hatibena PRF of Raighar Range	0.237	
		Kundrapani inside Hatigam RF of Raighar Range	0.237	
20	Malkangiri	Kamarguda	0.47	
		Balimeia	0.47	
		Somanathpur	0.47	
		Mundiguda	0.47	
21	Bonai	Kello RF	0.237	
		Majurdima RF	0.237	
		Rushimath RF	0.237	
		Kuliposh	0.237	
		Kuliposh	0.237	
22	Deogarh	Chialantikhol PRF near Jharagoga	0.237	
		Pravasuni RF near Jualibhanga	0.237	
		Badtaila RF near Kantapali	0.237	
		Badtaila RF near makarmunda	0.237	
		Palsama K.F. Near Palasama village	0.237	
		Tarang PRF near Thakaramal	0.237	
		Malyagiri RF near Boitasarei	0.237	
		Malayagiri RF near Tambur village	0.237	
23	Rourkela	Badpurnapani	0.237	
		Kendudihi	0.237	
		Sardhapur	0.237	
		Banki	0.237	
		Kucheita	0.237	
		Budhikani	0.237	
		Khairtola	0.237	
		Sanramloi	0.237	
		Ankurpali	0.237	
		Jharbeda	0.237	
		Dumerjore	0.237	
		Lathikata	0.237	

		Hatibandha	0.237
		Dumerta	0.237
		Ramjodi	0.237
		Potab	0.237
		Dhumaguda	0.237
		Purnapani	0.237
24	Sundargarh	Patkijore	0.237
		Kendudihi	0.237
		Dhangergudi (Musabira)	0.237
		Garjanpahad RF	0.237
		Jamtalia	0.237
		Beheradihi	0.237
		Kendudihi	0.237
		Dhangergudi (Musabira)	0.237
		Keseijharan	0.237
		Lambeibahal	0.237
25	Sambalpur	Tabloi -Deoganon RF	0.237
		Birsingharh RF	0.237
		Tabloi -Deoganon RF	0.237
		Mundhar-Dhumarchua RF	0.237
		Batemura RF	0.237
		Jharghati-Garpati RF	0.237
26	Rairakhol	Sodo	0.237
		Jaresingha	0.237
		Mochibahal PRF	0.237
		R Badmal RF	0.237
		Rahan RF	0.237
		Rahan RF	0.237
27	Bamra WL	Ushakothi RF	0.474
		Khalasuni RF	0.474
		Addl Kansar RF	0.474
28	Bargarh	Tulandi RF	0.237
		Barahagoda RF	0.237
		Dechuan RF Banijhari	0.237
		Mahadasini PRF	0.237
		Total-	55.695

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(iv) Second year maintenance of plantation of Fruit & Fodder species around water bodies (Unit Cost @Rs.204/ Plant)

Sl. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Dhenkanal	0.204
		Hindol Range	0.20
		Kapilash	0.20
		Sadangi	0.20

		K.Nagar east	0.20
		K.Nagar West	0.20
		Mahabirod	0.20
2	Rairangpur	Pahadpur	0.204
		Jambani	0.102
		Dublabeleda	0.102
		Jagannathpur	0.102
		Patharkata	0.102
3	Karanjia	Kanthikna	0.102
		Kukudabadi	0.102
		Kumudabadi	0.102
		Kalikaprasad	0.102
		Paudia	0.102
		Barapanposi	0.102
		Chanchbani	0.102
		Mota	0.102
		Bhanjabeda	0.102
		Ranibhol	0.102
		Khadidamak	0.102
		Burusahi	0.102
		Badaranibhol	0.102
4	Karanjia	Ghodabindha	0.102
		Talpada (Bandhagaon)	0.102
		Mahuldiha	0.102
		Noda	0.102
		Panpatria RF	0.102
		Sirkasahi	0.102
		Kadalibadi	0.102
		Bisipur	0.102
		Salchua	0.102
		Khudisila	0.102
		Satkosia RF Compt. No.4	0.102
		Mahulghutu (Satkosia Rf Compt. No. 5)	0.102
		Laxmiposi	0.102
		Pokamunda	0.102
		Purunapani	0.102
		Godbhanga	0.102
5	Keonjhar (WL)	Rebana RF	0.510
		Atei RF	0.306
		Santoshpur RF	0.306
		Boula RF	0.306
6	Balliguda	Bilamal	0.204
		Karlangi	0.204
		Sakadpadar	0.204
		Surupadar	0.204
		Gudguda	0.204
		Kilupadi	0.204
		Kidemerang	0.204

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7	Kalahandi (S)	Chermahul	0.102
		Golamunda	0.102
		Banamalipur	0.102
		Suruguda	0.102
		Minaguda	0.102
		Chirka	0.102
		Nuamundi	0.102
		Raktaboden	0.102
		Chandpur	0.102
		Medniguda	0.102
		Pujharipada	0.102
		Tikrapada	0.102
		Pokanbhata	0.102
		Khalia	0.102
		8	Sunabeda WL
Gambharipani	0.102		
Borra (1)	0.102		
Borra (2)	0.102		
Kurkuta	0.102		
Karti Nalla	0.102		
Bhatabandhali	0.102		
9	Sunabeda WL	Datunama	0.102
		Bhatabandhali (2)	0.102
		Guduma	0.102
		Bindhanthoka	0.102
		Hathikhal	0.102
		Amjharan	0.102
		Chuapada	0.102
		Kumrapan	0.102
		Jajangpan	0.102
		Pakherpan	0.102
		Patelpara	0.102
		Diamunda	0.102
		Mulchanbahali	0.102
		Jharlama Nalla	0.102
		Bhimbhata	0.102
		Bhalukona	0.102
		Paten	0.102
		Chhotlodra	0.102
		Godogodo	0.102
		Chuaikhal	0.102
		Near Jharlama Village	0.102
		Near Garapani	0.102
		Near Bhaosil	0.102
		Michhapali	0.102
		Kalijharan	0.102
Siletpani WHS	0.102		
Badjore	0.102		

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10	Sunabeda WL	Chhatabeda	0.102
		Ghatikon	0.102
		Pahadkon	0.102
		Dabri	0.102
		Darlapani	0.102
		Majhagaon	0.102
		Chikili	0.102
		Makarchuan	0.102
		Badjore	0.102
		11	Puri WL
Ramanchadi F.S	0.204		
Manguleswar F.S	0.102		
Konark F.S	0.122		
Chandrabhaga FS	0.102		
Ishaneswar FS	0.204		
Golara PRF	0.204		
Golara PRF	0.143		
Golara PRF	0.041		
Golara PRF	0.041		
12	Chandaka WL	Mantu	0.102
		District Border,	0.102
		Nuakua	0.102
		Birbasa	0.102
		Talabania	0.102
		Kumbhirakhala	0.102
13	Bonai	Amrudhi RF	0.102
		Lunga RF	0.102
		Balia RF	0.102
		Toda RF	0.204
		Sibnathpur	0.102
		Toda RF	0.102
		Toda RF Near Rengua village	0.102
		Toda RF near Tantra village	0.102
		Gurundia RF	0.102
		Dhenkiam RF	0.204
		Rushimath RF	0.102
14	Rourkela	Budhikutuni	0.3264
		Talabahali	0.1632
		N. Chirobeda	0.3264
		S. Chirobeda	0.255
		Bhainsamunda	0.204
		Musapali	0.204
		Rutkupedi	0.3774
		Faguapada	0.204
		Chakadjharia	0.204
		Deomul	0.1836
		Andhari	0.153
		Baunsjore	0.153

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		Uparbahal	0.102
		Hatibandha RF	0.102
	Sundargarh	Salangabud	0.102
		Birtola	0.102
		Cherma	0.102
		Kinkibandh	0.102
		Sagjore (Kusumura RF)	0.102
		Dhabadholl	0.102
		Bargaon	0.102
		Itma	0.102
		Bairagibahal	0.102
		Taragarh	0.102
		Dhokarpahad	0.102
		Jamkani	0.102
16	Sambalpur	Phuljhari Khaman RF	0.102
		Tabloi-Deogaon RF	0.102
		Tabloi-Deogaon RF	0.102
		Dumorchuan-Thandor RF	0.102
		Kulchor RF	0.102
		Kusamura RF	0.102
		Meghpal RF	0.102
17	Bamra WL	Khalasuni RF Compt No.1 near Garelam	0.102
		Khalasuni RF Compt No.6 near Raighati	0.102
		Khalasuni RF Compt No.13 near Jemajuri	0.102
		Ushakothi RF Compt. No.46	0.102
		Badrama RF Compt No.15	0.102
		Badrama RF Compt No.14	0.102
		Binjipali RF near Makarchuan	0.102
		Addl kansar RF Near Khairdih	0.102
		Khajuria RF Compt No.15 near Badkudar	0.102
18	Hirakud WL	Sillpakha	0.102
		Bhalukuper	0.102
		Jubhi	0.102
		Thelcochhapal	0.102
		Old Dhodrokusum	0.102
		Rujenmal	0.102
		Teteldhipa	0.102
		Majhipada	0.102
		Barakhandia Chowk	0.102
Total:-			23.766

(v) Third year maintenance of fruit & Fodder species around water bodies
(Unit Cost @Rs.161/ Plant)

SL No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Dhenkanal	0.1610
		Hindol Range	0.0805
		Kapilash	0.0805
		Sadangi	0.0805
		K.Nagar east	0.0805
		K.Nagar West	0.0805
		Mahabirod	0.0805
		Bhuban	0.0805
2	Satkosia Wildlife Division	Tersingh Game Tank	0.0805
		Hatidahala Game Tank	0.0805
		Hatikhasara Game Tank	0.0805
		Tikarpada RF Compt. No.2 at Central Nursery	0.0805
		Tikarpada RF Compt. No.3 at Kandhaida	0.0805
		Tikarpada RF Compt. No.9 at Kadalikhola	0.0805
		Baghamundas RF Compt. No.7 at Routbahal	0.0805
		Majhipada RF Compt. No.13 at Badadamaka	0.0805
		Tulka RF Compt. No.7	0.0805
		Purunakote RF Compt. No.19	0.0805
		Baghamundas RF Compt. No.11	0.0805
		Takarsingha RF Compt No.2 at Chasunimara	0.0805
		Tainsi RF Compt. No.5	0.0805
		Katrang RF at Kholabasa	0.0805
Katrang RF at Naradaghal	0.0805		
3	STR Core	Meghasini	0.0805
		Debasthali	0.0805
		Dhuduram	0.0805
		Matughar	0.0805
		Balidal	0.0805
		Jamunda Danda	0.0805
		Jenabil	0.0805
		Kulipal	0.0805
		Mahabirsal	0.0805
		Kabatghai	0.0805
4	Balliguda	Sartul	0.0805
		Srambi	0.0805
		Sraiguda	0.0805
		Budaguda	0.0805
5	Kalahandi (S)	Kebdamal (Karlapat RF)	0.0805

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		Silpatghati (Karlapat RF)	0.0805
		Kantabanji (Sagada PRF)	0.0805
		Phurli (Nehela RF)	0.0805
		Bistikra	0.0805
		Banjarighati	0.0805
		Podapadar (Jerka RF)	0.0805
6	Khariar	Nimna	0.0805
		Dumerjore	0.0805
		Kamkeda	0.0805
		Kanabhaira	0.0805
		Chereipani	0.0805
7	Sunabeda WL	Diamunda	0.0805
		Kendusansa	0.0805
		Malkachuan	0.0805
		Chandanpur	0.0805
		Bhatabandhali-2	0.0805
		Dhingiamanji	0.0805
		Bindhanthoka	0.0805
		Majhagaon	0.0805
		Bankiam	0.0805
		Chikili	0.0805
8	Puri WL	Balukhanda- Konark WL/Sanctuary comp No. IV of Balukhand RF	0.3220
		Balukhand-Konark WL Sanctuary, Balighai PRF	0.1610
		Bhagabati FS	0.1610
		Ishaneswar FS	0.1610
9	Chandaka WL	Balimada	0.0805
		Salabari	0.0805
		Pithakhia	0.0805
		Panasjhara	0.0805
		Kodamunda	0.0805
		Kaluchi	0.1610
		Langudi	0.0805
		Hazabandha	0.0805
		Saurabila	0.1610
10	Rourkela	Budhikutuni	0.0805
		Talbahali	0.0805
		N. Chirobeda	0.0805
		Mahipani	0.0805
		Bhainsamunda RF(Musapali)	0.0805
		Kamarpahad RF-I	0.0805
		Kamarpahad RF-II	0.0805
		Brahamani RF	0.0805
		Uparbahal	0.0805
		Hatibandha RF	0.0805
11	Rairakhol	Laiza	0.0805
		Katidhara RF	0.0805

		Sagmalia RF	0.0805
		Kholgarh KF	0.0805
		Lampaphuli KF	0.0805
		Tal RF	0.0805
		Tal RF	0.0805
		Rengali-Badmal	0.0805
		Rengali-Badmal	0.0805
		Kholgarh RF	0.0805
12	Bamra WL	Khajuria RF near Badkudar	0.0805
		Ushakothi RF Compt No.17 near Nagadihi	0.0805
		Khalasuni RF Compt No.6 near Dalbehera	0.0805
		Khalasuni RF Compt No.2 near Dumalam	0.0805
Total:-			8.452

**(vi) Third year maintenance of Plantation of fruit bearing forestry species
(Unit Cost @Rs.161/ Plant)**

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Chandaka WL	Bharatpur RF	0.78729
2	Bamra WL		0.78729
Total-			1.57458

(vii) Fodder block plantation & its maintenance (Unit Cost @Rs.57864/Ha.)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Kalahandi (S)	Nehela RF(Merkul)	5.7864
2	Chandaka WL	Jagannath Prasad PRF	7.52232
		Chandaka R.F.	9.83688
3	Nawarangpur	Papadahandi Deer Park	5.7864
Total-			28.932

(viii) Second year maintenance of fodder block plantation (Unit Cost @Rs.15184/Ha.)

1	2	3	4
1	Balliguda	Pipalpada	0.7592
		Madaguda	0.7592
2	Nawarangpur	Papadahandi RF	0.7592
3	Rairakhol	Tal-Kholgarh corridor area.	0.30368
Total-			2.5813

(ix) Third year maintenance of Fodder & block plantation (Unit Cost @Rs.1088/Ha.)

1	2	3	4
1	Kalahandi (S)	Borigova	1.088
2	Sunabeda WL	Sunabeda	0.544
		Chereichuan	0.544
3	Bamra WL		1.088
Total-			3.264

(x) Rejuvenation of Wildlife corridor (Unit Cost @Rs.57864/Ha.)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Balasore WL	Soro Wildlife Range	0.57864
2	Rairakhol	Tal-Kholgarh corridor area.	2.8932
Total-			3.47184

(xi) Third year maintenance of plantation taken up under rejuvenation of wildlife corridors (Unit Cost @Rs.10880/Ha.)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Rairangpur	Badampahar R.F Near Kitachua.	1.088
2	Karanjia	Chemmundia	0.2176
		Kanthikana	0.1088
		Jarak RF	0.1088
		Kiajhari	0.6528
3	Rairakhol	Tal-Kholgarh corridor area.	1.088
Total-			3.264

(xii) Creation and maintenance of salt licks (Unit Cost @Rs.0.50 Lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Godaboluva RF	0.50
		Kapilash RF	0.50
		Rupabalia RF	0.50
2	Satkosia Wildlife Division	Kantarsingha	0.50
		Rasanda	0.50
		Jaleswar	0.50
		Sahadachhack	0.50
		Atharmile	0.50
		Border	0.50
		Tersingh	0.50
3	Balasore WL	Kuldiha	0.50
		Jodachua	0.50

		Purunapani	0.50
		Chemchata	0.50
		Gohirabhola	0.50
4	Karanjia	Manadama	0.50
		Pokharibadi	0.50
5	STR(CORE)	Debasthali	0.50
		UBK	0.50
		Jenabil	0.50
		Joranda	0.50
		Brundaban	0.50
		Chahala	0.50
6	Parlakhemundi	Sambarpatu	0.50
		Raichua	0.50
		Chakadhar	0.50
7	Balliguda	Bilamal RF	0.50
		Jhiripani 'A' DPF	0.50
		Belghar RF	0.50
8	Kalahandi (S)	Sankarpala	0.50
		Kankrimal	0.50
		Ratanpala	0.50
9	Sunabeda WL	Chandra sil pathar	0.50
		Chandarsil Jharan	0.50
		Malachuan	0.50
		Near Bhimbhata	0.50
		Chituakhol	0.50
10	Chandaka WL	Kochilaberena	0.50
		Kumarkhunti	0.50
		Bharatpur Gate	0.50
		Ambilo	0.50
		Jhalara	0.50
11	Bamra WL	Badrama WL Sanctuary	1.00
		Khalasuni WL Sanctuary	1.00
12	Hirakud WL	Dhodrokusum	1.00
		Lakhanpur	1.00
Total:-			25.00

(xiii) Immunisation of cattle

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	5	6	9
1	Angul	Villages In and around Satkosia Tiger Reserve	1.00
2	Dhenkanal	Villages in and aound Kapilash WLS	1.00
3	Satkosia Wildlife Division	Villages In and around Satkosia Tiger Reserve	2.00
4	Athmallik	Villages In and around Satkosia Tiger Reserve	1.50
5	Mahanadi Wildlife Division	Villages In and around Satkosia Tiger Reserve	1.50
6	Balasore WL	Villages In and around Kuldiha WLS	1.50
7	Rairangpur	Villages In and around Similipal Tiger Reserve	0.50

8	Karanja	Villages In and around Similipal Tiger Reserve	1.50
9	Baripada	Villages In and around Similipal Tiger Reserve	0.50
10	STR Core	Villages In and around Similipal Tiger Reserve	1.50
11	Keonjhar (WL)	Villages In and around Hadgarh WLS	1.50
12	Berhampur	Villages In and around Black Buck Areas	0.50
13	Ghumsur (N)	Villages In and around Black Buck Areas	0.50
14	Ghumsur (S)	Villages In and around Black Buck Areas	1.00
15	Parlakhemundi	Villages In and around Lakerhivally WLS	1.50
16	Balliguda	Villages In and around Kotgarh WLS	1.00
17	Bolangir	Villages around Harishankar Zoo	0.50
18	Kalahandi (S)	Villages In and around Karlapart WLS	1.50
19	Sunabeda WL	Villages In and around Sunabeda WLS	1.50
20	Puri WL	Villages In and around Konark-Balukhand WLS	1.00
21	Mangrove WL	Villages In and around Bhitarkanika WLS	1.50
22	Chandaka WL	Villages In and around Chandaka-dampara WLS	1.50
23	Nayagarh	Villages around Baishipali WLS	0.50
24	Nawarangpur	Villages around Papadahandi Zoo	0.50
25	Bamra WL	Villages In and around Badrama and Khalasuni WLS	1.50
26	Bargarh	Villages around Debrigarh WLS	0.50
27	Hirakud WL	Villages In and around Debrigarh WLS	0.50
28	DD, NZP	Around Nandankanan WLS	0.50
Total:-			30.00

(xiv) Invasive weed eradication (Unit Cost @Rs.8400/Ha.)

SL. No.	Name of Division	Location	Total Amount (Rs.in lakh)
1	2	3	4
1	Dhenkanal	Kandhara RF	4.20
		Kapilash RF	4.20
2	Satkosia Wildlife Division	Weed eradication at Kantarsingha Game Tank	0.840
		Weed eradication in Majhipada RF Compt.7	3.360
		weed eradication in Tikarpada RF Compt. 6 & 7	3.360
		Weed eradication in Raigoda village phasi plantation	6.720
		Weed eradication at Katrang Compt No.9	2.520
		Weed eradication at Judum RF Block-1 near Bankadhar	0.840
		Weed eradication Purunakote RF Compt.12 arround Chunabhati Game Tank	3.360
3	Mahanadi Wildlife Division	Banigochha East, Banigochha West & Chhamundia	3.780
		Kusanga	

4	Balasore WL	Dha banka	0.67
		Oral padia	1.01
		Dhankunia	0.59
		Santaragadia Beat	0.50
		Tenda Beat	0.42
		Kandandahi	1.26
		Mohan Dahi	0.92
		Jamin Dahi	1.09
		Dha Banka	0.76
		Babandha Beat Deunchaghati	0.50
		Ambapada Water body	0.25
		Jamugadia	0.42
		Inside Kuldhia sanctuary	4.20
		Mitrapur RF	1.09
		Swarnachuda RF	1.01
		Ajodhya RF	0.84
		Tinikosa RF	1.26
5	Rairangpur	Rairangpur Range	2.10
		Ramgarh Asurghaty R.F	2.10
		Badampahar R.F	2.10
		Bidubhandar PRF	2.52
		Dhenkia DPF	1.68
6	Karanjia	Kiajhari	3.36
		Barakamuda	3.36
		Ramjodi	3.36
		Budhigaon	3.36
		Gurguria	3.36
		Inside Dangadiha RF	3.36
7	Baripada	Deuli RF	2.100
		Notto	2.100
		Jamsole RF	2.100
		Similipal RF	2.100
8	Keonjhar (WL)	Rebana RF	8.400
		Santoshpur RF	4.200
		Boula RF	4.200
9	STR Core	Chahala	0.086
		Chahala	0.256
		Hatisal II	0.089
		Jamunagarh	10.452
		Sarua & Hatisal II	1.205
		Hatisal II	0.185
		Jamunagarh	0.148
		Khejuri	0.433
		Mahavirsal I	0.472
		Mahavirsal I	0.193
		Nuagaon	1.390
		Nuagaon	1.504
Kabatghai II	4.869		

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		Pandhabandha	0.308
		Badamakabadi	1.057
		Khadkei	0.105
		Pokharibadi	0.189
		Pokharibadi	0.088
		Tinadiha	0.105
		Tinadiha	0.060
		Tinadiha	0.144
		Tinadiha	0.084
		Tinadiha	0.193
		Bengapani	0.046
		Bengapani	0.293
		Debasthali I	0.315
		Debasthali I	0.947
		Debasthali II	0.099
10	STR Core	Patbil	0.213
		Patbil	0.828
		Patbil	0.324
		Patbil	0.390
		Patbil	0.288
		Patbil	0.308
		Patbil	0.073
		Kanddhenu	0.104
		Kanddhenu	0.392
		Kanddhenu	1.554
		Devasthali I	1.044
		Devasthali II	0.855
		Kandadhenu	0.802
		Bahaghar	0.709
		Pokharibadi	0.128
		Patbil	0.360
		Patbil	0.643
		Tinadiha	0.048
		Bhanjabasa	0.092
		Bhanjabasa	0.029
		Kandadhenu	0.463
		Devasthali I	0.196
		Devasthali I	0.328
		Devasthali I	0.049
		Devasthali I	0.126
		Devasthali I	1.794
		Devasthali I	1.017
11	STR Core	Devasthali I	0.343
		Devasthali II	0.427
		Devasthali I	0.869
		Devasthali I	1.628
		Devasthali I & II	0.549
		Devasthali I	0.339

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		Patbil	0.092
		Patbil	0.057
		Tinadiha	0.110
		Patbil & Tinadiha	0.283
		Tinadiha	0.200
		Tinadiha	0.021
		Tinadiha	0.076
		Tinadiha	0.155
		Tinadiha	0.068
		Matughar	0.117
		Matughar	0.691
		Matughar	0.044
		Matughar	1.349
		Bahaghar	0.263
		Bahaghar	0.511
		Bahaghar	0.426
		Bahaghar	0.032
		Bahaghar	0.631
		Bengapani	0.563
		Bahaghar	0.108
		Devasthali II	0.300
		Devasthali I	0.234
		Kandadhenu	0.890
		Pokharibadi	0.130
		Kandadhenu	0.165
		Kandadhenu	0.584
		Kandadhenu	0.428
		Kandadhenu	0.170
12	Parlakhemundi	Kharipani	2.100
		Kantabaunsa	2.100
		Satabahada	2.100
		Chakadhar	2.100
13	Balliguda	Similipadar	1.680
		Deogada	1.680
		Hatimunda	1.680
		Kalangguda	3.360
		Lassery RF	8.400
14	Kalahandi (S)	Karlapat RF	16.800
15	Sunabeda WL	Near Tikrapada	0.840
		Chandrasil Jharan	0.840
		Katajhola	0.840
		Chuanpada	0.840
		Teljharan	0.840
		Near Godhus	0.840
		Karidongri	0.840
		Sagdongri	0.840
		Koked	0.840

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		Borra	0.840
		Datunama	1.680
		Khadang	0.840
		Chereichuan Ghatital	0.840
		Michhapali	0.840
		Kokdanal	0.840
		Gaondara	0.840
		Chatimal (I)	0.840
16	Puri (WL)	Bhuon FS	0.840
		Bangaro FS	0.840
		Ramachandi	0.840
		Manguleswar	0.840
		Konark FS	0.840
		Chandravaga FS	0.840
		Isoneswar FS	0.840
		Kurjnga FS	0.840
		Guhalapur FS	0.840
		Golora PRF	1.680
		Nadlamatha PRF	1.680
17	Chilika Wildlife	Nalabana	4.200
		Karakhol PRF	2.520
		Talakhola PRF	2.520
		Sanaghati PRF	3.360
18	Mangrove (WL)	Hukitola RF	0.840
		Jambo PF	0.840
		Hetamundia PRF	0.840
		Ranahansua PF	0.420
		KalibhanjadihaPF	0.840
		Bhitarkanika PRF	0.840
		BaruhanPRF	0.840
19	Chandaka WL	Balimada Chhaka	0.420
		Golagada	0.840
		Nuakua	0.420
		Dholakatha	0.840
		Mantu	0.840
		Junabari	0.420
		Jaria	0.840
		Bengapani	0.840
		Barapita RF	2.688
		Bhola RF	3.024
		Chandaka RF	4.200
		Chudanga RF	1.680
		Karadapalli to Ambilo	0.840
		Ratanpur DPF	0.504
		Near Kodamunda waterbody	0.336
		Near Hajabandha	0.336
		Barapita RF near Saurabilla	0.336

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		Barapita RF near Saurabilla	0.336
		Jhalara to Saurabilla	0.840
		Nature trail near Deras	0.504
		Near Manapur	1.008
		Bantal PF near Duria	0.504
		Near Madua-Langudi forest road	0.504
20	Bamra WL	Khalasuni RF Compt No.1	1.680
		Khalasuni RF Compt No.2	1.680
		Khalasuni RF Compt No.6	1.680
		Khalasuni RF Compt No.4	1.680
		Khalasuni RF Compt No.7	1.680
		Khalasuni RF Compt No.9	1.680
		Khalasuni RF Compt No.8	1.680
		Khalasuni RF Compt No.10	1.680
		Khalasuni RF Compt No.11	1.680
		Khalasuni RF Compt No.12	1.680
		Khalasuni RF Compt No.15	1.680
		Badrama RF	2.016
		Ushakothi RF	2.520
		Binjipali RF	1.680
		Addl Kansar RF	1.680
		Budhikuten PRF	1.680
		Kanibandhalli PRF	1.680
		Pravasuni RF	1.680
		Sauntimal RF	1.680
		Laidaguna PRF	1.680
		Bandhabar RF (Sagarpali side)	1.680
21	Hirakud WL	WACC,SBP	0.840
		Dhodrokusum	0.840
		Chourasimal	0.840
		Lakhanpur	0.840
		Khajuria	0.840
		Parbatitang	0.840
		Mahultalu	0.840
		Chal	0.840
Total:-			313.40

(xv) Meadow development (Unit Cost @Rs.0.49 Lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Kapilash RF	9.80
		Anlaberani RF	9.80
2	Satkosia Wildlife Division	Meadow development in Majhipada RF Compt. No.1 & 5	2.45
		Meadow development in Majhipada RF Compt. No.7	9.80

		Creation of meadow development at Raigoda Compt. No.6	19.60	558
		Creation of Medow at Raigoda RF Compt.6 near Game Tank	9.80	
		Medow development in Baliput-Katrang forest Road Halaka to Baliput road	4.90	
		Medow development in Chhotamunda- 3	5.39	
		Medow development in Balanga -11	7.35	
		Tulka Compt. 9 near Kusum Nallah	7.35	
		Majhipada RF compt.15 (Bada-damaka)	4.90	
3	Mahanadi Wildlife Division	Banigochha East, Banigochha West & Chhamundia	17.15	
		Kusanga		
4	Balasore WL	Askalapada	3.430	
		Chemchata	19.110	
		Chaturibandha	0.980	
		Kanjipani	0.980	
		Ranipokhari	9.800	
5	Karanja	Kiakjhari	10.780	
6	Keonjhar (WL)	Boula RF	7.350	
		Baranga RF	7.350	
7	STR Core	Devasthali II	7.193	
		Devasthali I	5.318	
		Devasthali II	5.066	
		Devasthali II	1.874	
		Devasthali II	3.468	
		Devasthali II	5.955	
		Devasthali II	2.883	
		Taranibila	1.452	
		Taranibila	1.288	
		Taranibila	1.081	
		Taranibila	0.657	
		Taranibila	1.342	
		Taranibila	1.963	
		Taranibila	0.685	
		Taranibila	3.430	
		Taranibila	0.842	
		Taranibila	1.442	
		Taranibila & Hatisal	5.996	
		UBK	1.739	
		Meghasini I	5.766	
		Tinadiha	2.314	
		Tinadiha	2.961	
		Tinadiha & UBK	10.745	
8	Parlakhemundni	Mahinsikhata	1.470	
		Lanja	1.470	

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		Kallaamba	0.980
		Durgam UDPF	0.980
9	Balliguda	Lassery RF	4.900
		Puruna Guma	4.900
10	Sunabeda WL	Aamjhari	2.450
		Gadbhitar	2.450
		Jharlama	4.900
		Dandarna(I)	2.450
		Gurjibhata	1.470
		Badhalan	2.450
		Koktikusum	4.900
		Jamgaon	4.900
		Garapada	2.450
11	Puri	Balighai PRF	0.490
		Balighai PR	0.245
		Balukhand RF	0.245
		Golara PRF	0.490
		Konark F.S	0.245
		Isaneswar F.S	0.245
12	Chilika WL	Karakhol PRF	9.800
13	Mamgrove (WL)	Bhitarkanika PRF	4.900
		N Mahisamada PF	2.450
		KalibhanjadihaPF	4.900
		Kansaridiha PRF	1.470
14	Chandaka WL	Kumarkhunti	0.490
		Jhalara	0.490
15	Bamra WL	Badrama RF	0.980
		Ushakothi RF	0.980
		Binjipali RF	0.980
		Titobahal Udsung	0.980
		Bandhabar RF	0.980
		Garpati RF	0.980
		Mahavir RF	0.980
		Addl Kansar RF	0.980
		Pravasuni RF	0.980
		Khajuria RF	0.490
		Thakurniktimal PRF	0.490
		Betjharan RF	0.490
		Chairtra RF	0.490
		Khalasuni RF	0.490
		Budhikuten PRF	0.490
		Cheptam PRF	0.490
		Kanibandhali	0.490
		Dangakhunti PRF	0.490
		Kesaibahal PRF	0.490
		Mundalasa Khambagoda PRF	0.490
		Sauntimal RF	0.490

		Bhalukhol PRF	0.490	860 857
		Kisinda PRF	0.490	
		Laidaguna PRF	0.490	
16	Hirakud WL	Debrigarh	2.450	
		Jhagadabehera	3.920	
		Chourasimal	3.430	
Total:-			339.08	

(xvi) Black Buck Conservation

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Berhampur	0	5.00
2	Ghumsur (N)	Bellaguntha	9.00
3	Ghumsur (S)	Buguda	10
4	Puri WL	Colora PRF (Konark-Balukhanda Sanctuary)	46.35
Total:-			70.35

(xvii) Any Others

(i) Renovation of creeks

SL. No.	Name of Division	Location	Total Amount (Rs.in lakh)
1	2	3	4
1	Mangrove WL	Kansaridiha Creek	1.00
		Khola Creek	1.00
		Bhitarkanika Creek	3.00
		Ganjeikhia Creek	2.50
		Suajor Creek	1.50
1	Nawarangpur	(ii) Bear's hide out.	
		Papadahandi RF	0.50
		Bikrampu RF	0.50
		Karlichuan PRF	0.50
		Semla RF	0.50
		Barli RF	0.50
		(iii) Signage	
		Nabarangpur	0.25
		Kodinga	0.25
		Dabugam	0.25
		Umerote	0.25
		Jharigam	0.25
		Raighar	0.25
		(iv) Fruit bearing Forest Species in Bear Habitat area	

Annexure-VII-VI

DETAILS OF SMC WORKS IN WILDLIFE HABITAT

(i) LBCD (Unit Cost @Rs.0.0638 Lakhs/cum)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Satkosia Wildlife Division	Kuru RF Compt.1	14.036
		Takarsingha RF 2	14.036
		Tainsi RF 6	14.036
		Tikarpada RF 7	14.036
		Majhipada RF 4	14.036
		Tikarpada RF 5	14.036
		Purunakote RF 5	14.036
2	Mahanadi Wildlife Division	Banigochha East	3.190
		Chhamundia	3.190
		Kusanga	3.190
3	Balasore WL	Simput Nallah	1.276
		Mankadakendu Nallah	1.276
		Sala Nallah	1.276
		Gayalamara Nallah	1.276
		Kendu Nallah	1.276
		Baghapahanra nallah	1.276
		Dhodhayan Nallah	1.276
4	Karanja	Kulakocha to Khandiadara Dam	1.276
		Inside SL Compt. No.14	0.638
		Inside Vejidha RF-I	0.957
5	Keonjhar (WL)	Baranga RF	12.760
6	Sunabeda WL	Kharkhara nallah	6.380
		Chipa nallah	3.828
		Bija nallah	1.914
7	Chandaka WL	Kanjia Nallah	1.276
		Sundari Sankha Nallah	1.914
		Salabari Nallah	1.595
		Kateni Nala	2.552
		Baunsaberena Nala	1.914
		Kochilaberena Nala	1.276
8	Bamra WL	Bandhabar RF	0.638
		Betjharan RF	0.638
		Chaitrai RF	0.638
		Khajuria RF (Kuchinda WL Range)	0.638
		Bhojpur Kesharipat B RF	0.638
		Binjipali (Jamankira WL Range)	0.638
		Pravasuni RF	0.638
		Budhikuten PRF	0.319

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		Gudguda PRF	0.319
		Kanibandhali PRF	0.319
		Tikira PRF	0.319
		Kendumunda PRF	0.319
		Bhalukhol PRF	0.319
		Girischandrapur PRF	0.319
9	Hirakud WL	Dhodrokusum	1.276
		Lakhanpur	1.276
Total:-			164.285

(ii) Staggard Trench (Unit Cost @Rs.168/ha.)

SL. No.	Name of Division	Location	Total Amount (Rs in lakh.)
1	2	3	4
1	Sunabeda WL	Michhapali	2.52
		Teak plantation (Siletpani)	3.36
2	Chilika WL	Jhinkaria DPF	3.36
3	Bamra WL	Bandhabar RF	8.40
		Betjharan RF	8.40
		Bhikapali - Kabribahal RF	8.40
		Chaitrai RF	16.80
		Khajuria RF (Kuchinda WL Range)	5.04
		Addl Kansar RF	8.40
		Bhojpur Kesharipat B RF	8.40
		Binjipali (Jamankira WL Range)	8.40
		Khajuria RF (Jamankira WL Range)	8.40
		Budhikuten PRF	8.40
		Gudguda PRF	16.80
		Kanibandhali PRF	16.80
		Tikira PRF	16.80
		Kendumunda PRF	16.80
Bhalukhol PRF	16.80		
Girischandrapur PRF	16.80		
Total:-			199.08

(iii) Percolation Pit (Unit Cost @Rs.1792/ha.)

SL. No.	Name of Division	Location	Total Amount (Rs. in lakh)
1	5	6	11
1	Parlakhemundi	Niaghasa	4.48
		Sambarpatu	4.48
		Kantabaunsa	4.48
		Satabahada	4.48
2	Sunabeda WL	Near Chikili	8.96

3	Bamra WL	Bandhabar RF	8.96
		Binjipali (Jamankira WL Range)	8.96
		Khajuria RF (Jamankira WL Range)	8.96
		Pravasuni RF	8.96
		Binjipali RF (Badrama WL Range)	8.96
		Budhikuten PRF	8.96
		Kendumunda PRF	8.96
		Bhalukhol PRF	8.96
		Girischandrapur PRF	8.96
		Total:-	107.52

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Annexure-VII-VII

ACTION PLAN FOR SMC MEASURES (Unit Cost @Rs.10.00 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs in lakh)
1	2	3	4
1	Satkosia Wildlife Division	Raigoda RF	10.00
2	Mahanadi WL	Baisipali RF	10.00
3	Balasore WL	Gandidhar Nallah	10.00
4	Keonjhar (WL)	Chaturisahi of Baula RF	10.00
		Masaghati of Boula RF	10.00
5	Sunabeda WL	Near Malkachuan	10.00
6	Chandaka WL	Chandaka RF	10.00
7	Bamra WL	Binjipali RF (Badrama WL Range)	10.00
		Kisinda PRF	10.00
8	Hirakud WL	Dhodrokusum	10.00
Total:-			100.00

873
(862)

Annexure-VII-VIII

ESTABLISHMENT AND MAINTENANCE OF ANIMAL RESCUE CENTRE

(i) Maintenance of Nandankanan WLS, Biological Park & Rescue Centre.

SL. No.	Name of Division	Location	Total Amount (Rs.in lakh)
1	2	3	4
1	Dhenkanal	Kapilash	35.00
2	Satkosia Wildlife Division	Tikarpada	30.00
3	Mahanadi Wildlife Division	Kuanria	25.00
4	Parlakhemundi	Taptapani	30.00
5	Bolangir	Harishankar	10.00
6	Nawarangpur	Papadahandi	60.00
7	Hirakud WL	Motijharan, Sambalpur	30.00
8	DD, NZP	Nandankanan	100.00
Total:-			320.00

(ii) Maintenance of Nandankanan Zoos hospital

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	DD, NZP	0	15.00
Total:-			15.00

(iii) Establishment of Rescue Centre and Veterinary treatment facilities

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Cuttack	Sukinda Range	10.00
		Dalijora Range	10.00
2	Rairangpur	Manada Range	20.00
3	Karanjia	Gudgudia	6.00
4	Berhampur	Panauagaon	10.00
5	Mangrove WL	Dangamal	2.00
6	Bhadrak WL	Chandabali	10.00
7	DD, NZP	Nandankanan	-50
Total:-			118.00

(iv) Maintenance of Rescue Centre

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Kapilash	10.00
2	STR Core	Baripada	2.00
3	Parlakhemundi	Taptapani	2.00
4	Mangrove WL	Okilapal	2.50
5	Chandaka WL	Chandaka	2.00

Annexure-VII-IX**WOOD-SAVING COOKING APPLIANCES AND OTHER FOREST PRODUCE SAVING DEVICES IN FOREST FRING VILLAGES AS SPECIFIED BY THE NATIONAL AUTHORITY FROM TIME TO TIME**

(i) Distribution of fuel saving devices like Unnat chullas, Solar cookers/ lamps etc to the villagers around Protected Areas (Unit Cost @Rs.0.02 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Dhenkanal Range	0.50
		Kapilash Range	1.00
		Sadhanhi Range	0.50
2	Satkosia Wildlife Division	Tikarpada, Purunakote, Jillinda, Raigoda, Pampasar	8.00
3	Mahanadi Wildlife Division	Banigochha East, Banigochha West & Chhamundia	5.00
		Kusanga	
4	Balasore WL	Around Kuldiha WLS	2.00
5	Rairangpur	Rairangpur Range	8.00
		Bahalda Range	8.00
		Badampahar Range	8.00
		Bisoi Range	8.00
		Manada Range	8.00
6	Karanjia	Karanji Range	8.00
7	Keonjhar (WL)	Around Hadgarh WLS	38.00
8	Balliguda	Around Kotgarh WLS	14.08
9	Kalahandi (S)	Around Karlapat WLS	9.80
10	Sunabeda WL	Around Sunabeda WLS	4.00
11	Mangrove WL	Around Bhitarkanika WLS	1.00
12	Chandaka WL	Around Chandaka- Dampara WLS	2.00
13	Bamra WL		8.00
Total:-			141.88

Annexure-VII-X**Management of biological diversity and biological resources.****Biodiversity Assessment of the Protected Areas.**

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
11	Satkosia Wildlife Division	Satkosia Gorge WLS	10.00
Total:-			10.00

Annexure-IX-I
INFRASTRUCTURE DEVELOPMENT

i) Anti-poaching Barrack (Unit Cost @Rs.20.00 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Kanka	20.00
2	Mahanadi Wildlife Division	Ranisahi	20.00
3	Athmallik	Bamur	20.00
4	Balasore WL	Udayapur	20.000
5	Karanja	Milu	20.000
6	STR Core	Jodapal Chhak	20.00
7	Pariakhemundi	Gandaghati	20.00
8	Boudh	Charichhak	20.00
9	Phulbani	Phiringia	20.00
10	Sunabeda WL	Sunabeda	20.00
11	Puri WL	Ramachandi	20.00
12	Mangrove WL	Kalibhanjadia	20.00
13	Chandaka WL	Dampara	20.00
14	Rayagada	Gudari	20.00
15	Jeypore	Gupteswar	20.00
16	Nawarangpur	Jharigam	20.00
17	Bamra WL	Bhojpur	20.00
18	Hirakud WL	Mendhapali	20.00
Total:-			360.00

(ii) Anti-poaching check gates (Unit Cost @Rs.7.00 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Kurumatanagar	7.00
2	Satkosia Wildlife Division	Hinsirda	7.00
		Border	7.00
3	Athmallik	Bhangamunda	7.00
4	Balasore WL	Kaimahudi	7.00
5	Karanja	Kunde	7.00
6	STR Core	Gurandia	7.00
7	Pariakhemundi		7.00
8	Kalahandi (S)	Jupshaipatna	7.00
9	Sunabeda WL	Datunama	7.00
10	Puri WL	Phulpatna	7.00
11	Bamra WL	Mendhabahal	7.00
		Pijadihi	7.00
12	Hirakud WL	Kamgaon	7.00
		lakhanpur	7.00
Total:-			105.00

(iii) Seizure Yard (Unit Cost @Rs.7.00 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Dhenkanal	Sadangi	7.00
2	Satkosia Wildlife Division	Pampasar	7.00
3	Balasore WL	Chandipur	7.00
4	Karanja	kendumundi	7.00
5	Baripada	Baripada	7.00
6	Sunabeda WL	Chereichuan	7.00
7	Puri WL	Brahamagiri	7.00
8	Chandaka WL	Chandaka	7.00
9	Bhadrak WL	Dhamnagar	7.00
10	Bamra WL	Bandhapali	7.00
Total:-			70.00

(iv) Floating Jetty (Unit Cost @Rs.15.00 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Satkosia Wildlife Division	Baliput	15.00
2	Balasore WL	Bichitrapur	15.00
		Subarnarekha Mouth	15.00
3	Berhampur	Purunabandha	15.00
4	Puri WL	Nuanai	15.00
5	Chilika WL		15.00
6	Mangrove WL	Hukitola	15.00
		Suajor	15.00
7	Hirakud WL	Dhodhokusum	15.00
Total-			135.00

(v) Watch Tower (Unit Cost @Rs.20.00 lakh)

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Athagarh	Nizigarh RF	20.00
2	Balasore (WL)	Askalapada	20.00
3	STR Core	Chahala	20.00
4	Bolangir	Bakti	20.00
5	Chilika WL	Nalabana	20.00
6	Chandaka WL	Hajabadha	20.00
7	Nawarangpur	Indrabati	20.00
8	Keonjhar (T)	Atei RF - Near Kalighal	20.00
9	Hirakud WL	Pahadsirgida	20.00
Total:-			180.00

Annexure-IX-II**STRENGTHENING OF COMMUNICATION FACILITIES**

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i) Instalation of VHF base station, Mobile phones, and maintenance thereof including satellite tracking of patrolling/ squad vehicle

SL. No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Angul	Whole Division	20.00
2	Dhenkanal	Whole Division	17.00
3	Satkosia Wildlife Division	Whole Division	15.00
4	Mahanadi Wildlife Division	Whole Division	4.00
5	Athagarh	Whole Division	10.00
6	Cuttack	Whole Division	50.00
7	Athmallik	Whole Division	5.00
8	Rairangpur	Whole Division	5.00
9	Karanja	Whole Division	48.00
10	Baripada	Whole Division	26.00
11	STR Core	Whole Division	10.00
12	Keonjhar (WL)	Whole Division	5.00
13	Berhampur	Whole Division	3.00
14	Ghumsur (N)	Whole Division	10.00
15	Ghumsur (S)	Whole Division	1.50
16	Parlakhemundi	Whole Division	10.00
17	Balliguda	Whole Division	3.00
18	Boudh	Whole Division	2.50
19	Subarnapur	Whole Division	22.00
20	Kalahandi (N)	Whole Division	20.00
21	Kalahandi (S)	Whole Division	2.30
22	Sunabeda WL	Whole Division	3.00
23	Puri WL	Whole Division	2.00
24	Chilika WL	Whole Division	12.00
25	City Forest	Whole Division	10.00
26	Mangrove WL	Whole Division	12.00
27	Chandaka WL	Whole Division	5.00
28	Khurda	Whole Division	10.00
29	Nayagarh	Whole Division	20.00
30	Bhadrak WL	Whole Division	5.00
31	Rayagada	Whole Division	5.00
32	Jeypore	Whole Division	10.00
33	Nabarangpur	Whole Division	15.00
34	Bonai	Whole Division	6.00
35	Rourkela	Whole Division	30.00
36	Sambalpur	Whole Division	5.00
37	Jharsuguda	Whole Division	5.00
38	Rairakhol	Whole Division	20.00
39	Bamra WL	Whole Division	2.70
40	Bargarh	Whole Division	3.00

41	Hirakud WL	Whole Division	5.00
42	DD NKZP	Whole Division	3.00
Total:-			478.00

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(ii) Forest Road repairs (Unit Cost @Rs.0.69 lakh)

SL No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Satkosia Wildlife Division	Tuluka to Purunakote forest road	9.66
		Raigoda to Tersingh forest road	4.14
		Raigoda to Kuadoli forest road	6.90
		Raigoda to Boarder forest road	2.76
		Hatibari to Katrang forest road	2.76
		Majhipada to Kadalikhoia forest road	3.45
		Hatibari to Kandhaida forest road	4.14
		Pampasar to Labangi forest road	5.52
		Tarava-Kumuri Forest road	4.83
		Chhotkei - Chunabhati forest road	4.14
		Katrang to Chunabhati forest road	6.90
		Chunabhati to Siaribhundi forest road	4.14
2	Mahanadi Wildlife Division	Geregedi to Duising	8.28
		Gregedi to Idei	5.52
3	Balasore WL	Purunapani - Bunumchhak	2.760
		Jodachua to Purunapani	11.730
		Jharana ghati to Purunapani	9.660
		Kuldiha - Tenda	4.830
		Bhalubasa - Nangachua	1.380
		Gadasimulia - Mechkund	0.690
		Jhiliripani - Jhiliripani WHS	0.207
		Banjhikusum - Hatikholia	6.900
		Betei- Purunapani	3.450
4	Rairangpur	Talbandh - Chahala ring road	8.63
		Barehipani to Kolha Ridge	8.97
5	Karanjia	Ghodabindha to Bahaghar Forest Road	6.9
		Bahaghar to Silda Forest Road	5.52
		Kendumundi to Kandadhenu	8.97
		Kalikaprasad to Gurguria & Kabataghai Forest Road & Lanjighosara to Kolha	6.9
6	Baripada	Tarajodi-Munidar	0.69
		Taldiha-Devkund	4.14
		Baniabasa-6 No.camp	4.14
		Nedam-Baribeda	2.76
7	Keonjhar (WL)	Gayalamunda to Hatichapal	5.52
		Chhenapadi to Sajanapal	10.35
		Pitanau to Dalki	4.83
8	STR Core	Bhajam to Baunskhal	8.28
		Baunskhal to Khadkei	8.28

		Lengdakacha camp to Badamakabadi camp	4.14
		Tiktali to Sarua	6.21
		Bhanjabasa to Maruwadi Bandha chhak	8.28
		Mahabirsal to Nimia	4.14
		Karkachia Chhak to Bhatunia Chhak	14.49
		UBK to Bhanjabasa	10.35
		Nuagaon Chhak to Devasthali	4.83
9	Balliguda	Jhiripani to Mundighati	6.90
		Mundighati to Lankagarh	3.45
		Pipadi to Badipanga	3.45
		Tumudibandha to Guchuka	7.59
10	Kalahandi (S)	Jug-Ghatikutru	6.21
		Jakam-Karlapat	6.21
		Kiapadar-Banmalipur	4.14
		Kiapadar-Banmalipur	0.69
11	Sunabeda WL	Golabandh to Maraguda	4.83
		Chachraghati to S. N Pur	2.76
		Chuanpada to Santospada	6.90
		Katingpani to Chuanpada	2.76
		Lodra Chhak to Katingpani	3.45
		Borra Chhak to Patdarha	6.90
	Puri WL	Watch Tower Rd.	0.259
		Phulapatana-Sea beach	3.795
		Range office-Nuanal	3.795
11	Chandaka WL	Tata Mines Ghati to Nuakua	3.45
		District border to Balimada	3.45
		Golagada Chhaka to Golagada pond	1.38
		Dampada Gate to Balimada Chhaka	3.45
		Pithakhia Chhaka to Salabari	1.38
		Bengapani Ghati to Hill top	3.45
		Jaria Dam to Jaria Watch Tower	1.38
		Godibari-Mahuriabari-Kumarkhunti	9.32
		Chhatian to Kheluachua via Dantaria	5.52
		Ambakhali to Kheluachua	1.04
		Godabhanga Tangar-Pitagadia-Mahuriabari	3.45
		Bualigarh to Naharathali Hiltop Road	0.35
		Charichhak to Dampada Trijunction via District Boundary	5.52
		Karadapalli to Jhalara	3.45
		Karadapalli to Guptapada	2.07
		Dhadas to Madua	8.28
		Jhalara to Saurabilla	2.07
		Jhalara to Deras	1.38
		Bharatpur Gate to Pathargadia via Birbasa, Chunkoli	8.63

12	Bamra WL	Chunghuti-Kholbilung	6.9
		Kholbilung-Bilung	4.14
		Belmunda- Majurdima	3.45
		Jharpur- Laimura	3.45
		Binjipali- Dangapal	3.45
		Badrama- Bhutel	13.11
		N.H-6 to Podadihi	6.9
		Badrama- Falsabahal	8.97
		Tambubahal- Ringroad	4.14
		Kutab-Kudaldihi	4.14
		Bhutel- Orgen	2.76
		Bhutel- Kadalidihi	2.76
		Kisinda- Badkachhar	5.796
		Balam- Khalasuni	6.50325
		Balam- Khalasuni (Bamra border)	5.106
		Pandua- Dungiridihi	1.104
		13	Hirakud WL
Lakhanpur	13.80		
14	DD, NZP	Nandankanan	4.14
Total:-			519.57

(iii) Construction of RCC bridge at Patbil of Similipal Tiger Reserve & 9 box cell culverts in Debrigarh

SL No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	STR	Patbil	44.00
2	Hirakud (WL)	Tangarghat nalla in inside Debrigarh WLS	56.00
Total-			100.00

iv) Communication and information Technology.

SL No.	Name of Division	Location	Total Amount (Rs. In lakh)
1	2	3	4
1	Chandaka (WL)	Bhubaneswar, GIS cell of WL Headquarter	15.00
Total-			19.00



By Speed Post

(870) C-2/10

FOREST HEADQUARTERS, ODISHA
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HOFF
ARANYA BHAWAN : BHUBANESWAR - 23.

No. 17739 /10F (CAMPA) 01/2019 Dated, Bhubaneswar the 17th October, 2019

From
Smt. Uma Nanduri, IFS
Chief Executive Officer, State Authority
Compensatory Afforestation Fund, Odisha.

To
The Joint Chief Executive Officer,
National Authority of CAMPA, Govt. of India,
Ministry of Environment & Forests & Climate Change,
Forest Conservation Division, Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road, New Delhi-110003.

Sub: 2nd compliance report of State Authority of CAMPA, Odisha on the
Annual Plan of Operation 2019-20.

Sir,

As per the discussion held in the 4th meeting of the Executive Committee
of National Authority, the following information is sent herewith for taking
necessary action at your end.

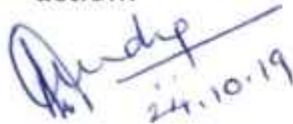
Yours faithfully,

- Encl: 1. Abstract note of APO 2019-20.
2. Revised compliance.
3. Certificate.


Chief Executive Officer,
State Authority
Comp. Affn. Fund, Odisha.

Memo No. 17740 /Dated 17-X-19
Copy forwarded to the Special Secretary to Govt. of Odisha, Forest
and Environment Department, Bhubaneswar for information and necessary
action.


Chief Executive Officer,
State Authority
Comp. Affn. Fund, Odisha.


24.10.19

Mr. Anjan

DIG(FC)/CAMPA
Dy. No. 239476
Date 25/10/2019

1805/NA/19
1/11/19

10/11/19
E-239476
24/10/2019

(87) (10/10/19)

Abstract of CAMPA Annual Plan of Operation 2019-20 of Odisha.

The Annual Plan of Operation of 2019-20 has been formulated on the basis of New CAMPA Act & Rules. The details of Plan are elaborated below:

- Implementation of the site-specific schemes of Compensatory Afforestation (CA), Penal Compensatory Afforestation (PCA), Leftover Compensatory Afforestation, 1.5 Times Safety Zone, Canal Bank Plantation approved along with the forest diversion proposal, is the first charge on the CAMPA fund. A total of Rs. 48.84 Cr has been earmarked for Compensatory Afforestation and other related activities.
- Implementation of Integrated Wildlife Management Plan has also been proposed with two subcomponents like Regional Wildlife Management Plan and Site Specific Wildlife Conservation Plan. A total of Rs.36.45 Crores has been earmarked for these activities, out of which Rs.35.72 Cr is for Site Specific Wildlife Conservation Plan and 0.73 Cr is for comprehensive Regional Wildlife Management Plan.
- 80% of NPV funds in the Plan are earmarked for "core activities" which include the activities, viz. Plantations, Bamboo Silvicultural Operations, forest protection, Wildlife Management, Plantations in the Vana Samrakshana Samithi managed areas, etc. The total funds allocated for this is Rs. 407.32 Cr. This plantation also includes Avenue plantation (Jal Sakti Abhiyan) in Cuttack Division and ANR plantation in Balukhand-Konark area in Puri (WL) Division due to the cyclonic storm "Fani".
- Upto 20% of the funds under NPV would be invested in activities, viz. development of infrastructure, establishment and maintenance of nurseries, capacity building, forest survey, strengthening of forestry training institutions, Monitoring and evaluation, forestry research, Forest IT (information & Communication Technology) & Geomatics, etc. A total funding of Rs.99.91 Cr is allocated for this.

- Component wise budget allocated for different activities is given in the following table:

Sl. No	Component of work	Financial Outlay (Rs in Cr.)	Admissible as per Act/Rule
1	CA, Addl CA, PCA, SZ, 1.5 SZ etc	48.84	Sec. 6 (a) of CAF Act, 2016
2	Integrated Wildlife Management Plan		
	(i) Regional Wildlife Management Plan	0.73	Sec. 6 (a) of CAF Act, 2016
	(ii) Site Specific Wildlife Conservation Plan	35.72	Sec. 6 (a) of CAF Act, 2016
	Net Present Value		
	80% Activities of NPV		
3	Plantations	158.36	Rule 5 (2) (a) & (b)
4	Bamboo SSO	16.26	Rule 5 (2) (c)
5	Forest Protection	54.15	Rule 5 (2) (d) & (f)
6	Wildlife Management	96.98	Rule 5 (2) (g), (h), (i) & (k)
7	Ama Jangala Yojana	81.57	Rule 5 (2) (a) & (b)
	Total 80% Activities	407.32	
	20% Activities		
8	Infrastructure Development	69.30	Rule 5 (3) (a), (d) & (e)
9	Research	2.85	Rule 5 (3) (b), (j) & also inherent in all activities listed in Rule 5(2) & (3)
10	Frontline staff capacity building infrastructure development and upgradation	6.01	Rule 5 (3)
11	Capacity Building	1.75	Rule 5 (3)
12	Forest IT & Geomatics	15.00	Rule 5 (3) (g) & (c)
13	Monitoring & Evaluation	5.00	Rule 5 (3) (h)
	Total 20% Activities	99.91	
	GRAND TOTAL	592.52	

INTEREST

Sl. No	Component of work	Financial Outlay (Rs in Cr.)	Admissible as per Rule
1	Development of State Authority Office	2.00	Rule 6 (b), (iv) & (i)
2	Accounting	2.00	Rule 6 (b), (vi)
3	Development of CAMPA Capacity Building Centre	10.00	Rule 5 (3) & 6 (b) & (vi)
4	Expenditure for State Authority as defined in Sec.10 of CAF Act, 2016	12.00	Rule 6 (b)
	Total	26.00	

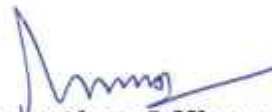
Chief Executive Officer
State CAMPA, Odisha
O/o. PCCE & HoFF, Odisha

16/10/19

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CERTIFICATE

It is to certify that Divisional Forest Officers have been instructed to consult Gram Sabha before taking any activities over forest land under the control of State Forest Department of State Government and being managed as per the working plan, in consonance with the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) and the guidelines issued there under, wherever applicable.

 16/10/19

**Chief Executive Officer, State Authority
Compensatory Afforestation Fund, Odisha.**

**Chief Executive Officer
State CAMPA, Odisha
O/o. PCCF & HoFF, Odisha**

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Sl No	Comments of Dy. CEO (National Authority)	Compliance by State CAMPA Authority	Remarks
1	The outlay of revised APO is Rs. 529.52 crores whereas original APO is of Rs. 529.56 crores.	The financial outlay of original APO 2019-20 submitted by State CAMPA Authority was Rs.592.56 Cr and not Rs.529.56 crore. The revised APO is also Rs.592.52 crore and not Rs.529.52 crore and there is only marginal deference that arose due to shufflings in some of the components i.e. exclusion of outlay on Double Entry Accounting and inclusion of "Jal Sakti Abhiyan".	
2	Segregation of previously clubbed activities under CA has been carried out and provision of Rs. 85.29 crores has been separated in two i.e. CA related activities have outlay of Rs. 48.84 crores and Integrated Wildlife Management Plan of Rs. 36.45 crores.	No Comments	
3	A justification regarding inaccurate CA targets has been provided and the same is based on targets being tentative as APO targets are decided in advance. The details are at annexure II	No Comments	
4	A justification for use of NPV money for wildlife management activities has been provided and the same is based on grounds that site specific wildlife management plan are for within a periphery of 10 kms and these wildlife management activities will be for other forest areas except site specific ones.	No Comments	
5	Assurance has been provided for submission of Regional Wildlife Management Plan whose draft has already been provided to CWLW.	No Comments	
6	Assurance has been provided that duplication of works under site specific wildlife conservation plan, wildlife management plan and activities under 80% of NPV will not be allowed.	No Comments	

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7	Establishment of control rooms at Division, Circle and Head Office with wage payment of data entry operators still needs to be viewed as per non permissible activities contained in rule 5(4) of CAF Rules, 2018.	These are not the control rooms and are the tools for coordination of the protection activities These are not routine functions but a part of an overall modular and integrated Forest IT & Geomatic Centre (FITGC), a dynamic served based CIT infrastructure with more than 24 apps for forest & fire protection and plantation monitoring. The IT savy staff with IT background & imparted with specialized training on computers are deployed in these Control Rooms. The staff engaged in above control room, are to transform the information received from the Head Office, NTCA, FSI and also from the field units in GIS Platform through GPS PDA and android based modules loaded with the FITGC apps and transmit the same to the appropriate quarters to take immediate and timely action for protection of forest, Wildlife and Public property. Thus the forest fire, Wildlife menace, Man-animal conflict are well addressed through this system. For example, the application of CIT based Tools in fire management has reduced fire points in State from 31000 to 19000 this year. Further, this app based foot patrolling taken over 1,50,000 KM/more is monitored online in these control room and has reduced the illicit felling to a great extent. These activities are as per the stated objectives enunciated in the Campa Act and Rules. For the above purpose the role of staff engaged working under GIS Platform is very much essential for protection of forests and Wildlife, Hence, the above case may be considered under 80% NPV. Odisha Forest Department is able to do concerted efforts on protection by such CIT based forest managed by this process, which has manifested in the increase of green cover in the State. This is the permissible activity under 5.2(d) of CAF Rules, 2018 and this not a prohibitive activity under Rule 5(4).	Admissible under Rule 5 (2) (d)
8	Basic functions of forest protection should have not been incorporated in APO like handling of accused and seized property.	Protection activities include collection of intelligence, rewarding people who helped in nabbing the culprits, contributing towards forest protection and they have been included as a part of forest protection. This is a permissible activity as per Rule 5 (2) (d)	
9	Revised APO provides for hired vehicles for field staff which is in consonance with provisions of CAF Rules.	No Comments	
10	As per revised APO it has been assured that APO allocation for forest fire protection is as per comprehensive Forest Fire Action Plan.	No Comments	

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11	<p>Activities at Sr No. 13 and 14 are non permissible activities as per provisions contained in 5(4) of CAF Rules 2018 and need a relook.</p>	<p>Activity at Sl. No.13 is Renovation of Aranya Bhawan, as per Sub-rule (b) (iv) of Rule-6 of CAF Rule, 2018 there is provision for hiring of building on lease for office establishment of State Authority, it is thought to be more prudent to renovate the existing building of Aranya Bhawan to appropriately locate the office of CEO, CAMPA Authority. It is more prudent financially to renovate own existing infrastructure rather than hiring a completely new building considering the one time expand only vis-a-vis cascading recurring expenditure on the hired building, apart from uncertainty about its rent and availability in future course. Moreover, it is always better to be in proximity of PCCF office for efficient implementation of Annual Plan of operation.</p> <p>Other activity at Sl. No.13 is Construction of Forest Academy. As per Rule 6 (b) (vi) of CAF Rule, 2018 nor more than forty percent of the monies shall be utilised for strengthening of the forest and wildlife related infrastructure, capacity building of the personnel involved in utilisation of State Fund. It is an institution being developed for overall enhancement of the capacity of the officers of the Forest Department on Forest and Wildlife Management. The Forest Academy will be a good iconic institution to address the capacity enhancement issues and to enhance the overall implementation and effective absorption capacity of the field staff.</p> <p>Activity at Sl. No.14 is Construction of Training Hostel and Class rooms in Training Schools and College is badly required to improve the capacity of frontline forest staff. This activity is permissible as per Rule rule (3) rule 5 of CAF Rule, 2018. The State Level Steering Committee has considered the importance of construction of training hostels & class rooms for accommodation of the trainees.</p>	<p>Rule 6 (b), (iv) & (i)</p> <p>Rule 5 (3) & 6 (b) (vi)</p> <p>Rule 5 (3)</p>
12	<p>A consolidated certificate that activities taken up in APO for 2019-20 has been through consultation with Gram Sabha need submission. 13. The final APO needs authentication from State Steering Committee</p>	<p>The Chairman of the Steering Committee has approved the revised plan with an assurance that it will be passed in the Committee subsequently. The detailed note sheet of the approval of the Chairman, Steering is already sent for your kind perusal. The DFOs have been instructed to carryout the works after the approval of Gram Sabhas. In the subsequent Plans, an undertaking will be given according to the instructions of the National Authority.</p>	
Observations of Jt. CEO (National Authority)			
i	<p>The APO is not per the standard Form-XII format (Rule 39, CAF Rules, 2018).</p>	<p>The APO has been submitted in four Parts I,II,III and IV as per the Form-XII and hard copy of it has been sent to National Authority.</p>	
ii	<p>Milestone, conditions for success, the modus operandi of putting the strategic annual plan into operation during financial year in given budgetary term, basis for cost estimation, and time schedule/ implementation schedule of the activities have not been indicated.</p>	<p>The Part IV as has been understood is furnished. If any other information is required, National Authority may guide accordingly, and the information will be submitted as per the guidance in the subsequent plans. Moreover, this is the first year of inception of the Plan after the new Act and Rules came in vogue and it takes some time to get into the systems. The information sought in any form will be given subsequently.</p>	
iii	<p>For each activity a lump-sum amount has been shown without providing a detailed breakup.</p>	<p>The detailed breakups are given as far as possible and the expenditure will be as per actual.</p>	

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iv	The location (geo-coordinates) of most of the activities has not been mentioned. It holds true even in the case of proposed plantations and maintenance activities, including coastal plantation and Aama Jagala Yojna.	The site wise locations for most of the plantations like block, ANR, maintenance of plantations, SSO Bamboo and other activities are given in the Part III Annexures from Pg no. 237-366. Providing all the site details become voluminous for example, Aama Jungal Yojana has been done so far in more than 2500 VSS sites, giving all the details in APO become too huge. Nevertheless, if the National Authority desires, it will be given subsequently. Also it is to bring to your notice, this is the first Plan where the location details are given for plantations and earlier only division wise targets were being submitted.	
v	An outlay of Rs 2000 lakh has been proposed for pre-planting operation during 2020-21 without giving any detail.	A lump sum amount of Rs 20 Cr has been kept for raising seedlings for 2020-21 plantations, the details will be given along with the APO 20-21.	
vi	Bamboo Plantation has been proposed in Bamboo coupes due for working during the year.	Bamboo plantations are being taken up in the elephant prone areas with an intention that this will be food for wildlife. The areas are mostly degraded and they are independent of the Bamboo coupe areas.	
vii	There is a mention of internal monitoring and third party monitoring but the description and abstract have not been furnished.	The third party monitoring works are in progress and when once the final report is submitted, it will be shared with the National Authority. There are several stages of internal monitoring, starting from the divisions. It is technology based monitoring, field inspections, inspections by the PCCF, RCCF and the Addl PCCFs of the PCCF Office. The tour notes are all available and at every stage improvements are done based on monitoring activities like, species to be planted and now Forest Department has taken a call to stop Teak plantations in the forest and to focus on indigenous species. Like this many decisions are taken.	
viii	A financial outlay of Rs. 258 lakh has been proposed for research activities (under 20% NPV) without any details. However, research activity has not been included in rule 5(3), CAF Rules, 2018.	The research is an important component of the Forestry Operations. Innovations are a mandatory requirement for any growth. In Campa Rules, all the activities ranging from protection, plantation, biodiversity conservation, communications are mentioned. Research is part and parcel of every activity. Moreover, under Rule 6 (b) vi), any activity for the management of forest and wildlife not mentioned in Rule 5 (2) & 5 (3) can be taken up with approval of the State level Steering Committee	Rule 5 (3), (b) & (j) and also inherent in all activities listed in 5 (2) & (3)

ix	<p>Under forest protection, deployment of 32 Forest Protection Squads, 195 Para Forest Protection Squads and 215 Fire Protection Squads have been proposed. Each of these will engage 10 local people and the total number of people to be engaged are 4430. Except for Fire protection squads, which will be engaged for 150 days other squads are of regular nature. These people may demand to absorb them in Forest Department. In that case, it is not clear who will bear their salary. Moreover, casual engagement of local people or labourers to assist regular staff is permitted under Rule 5 (3) (f), CAF Rules, 2018 which is a 20% NPV activity, whereas it is mentioned under 80%.</p>	<p>The forest protection majorly includes engagement of people for protecting the resources. In addition, some amount of coordination at division, circle and state levels are required. Protection tools are driven by technology, but they are to be used by the people. The basic principle of forest protection is foot patrolling, this can be done only by the people. In fact, all the activities of the Forest Department are labour intensive. It is not possible to keep every thing under 20% under the pretext that it involves people. Then there will be no activity left under 80% component. This may kindly be allowed by the National Authority. The personnel engaged in the squads are taken through service providers. A decision has been taken in the 12th Steering Committee meeting held on 11.01.2016, all the personnel deployed for forest protection, fire protection squads shall be made through the service provider to avoid any future complicity. Hence there is no question of them being absorbed.</p>	
x	<p>While it is specified that 215 fire fighting squads will be provided vehicles for mobility on hire basis, the same is not clear in the case of 32 Forest Protection Squads. Further, the State has not mentioned the Rule under which this is permitted.</p>	<p>National Authority in their meeting on April 26th has categorically allowed vehicles for protection and has told the states to book the expenditure under 20%. Accordingly the APO has been recasted.</p>	
xi	<p>Forest Protection Coordination Cell and Forest Fire Cell have been proposed, the former at an outlay of Rs. 301.45 lakh without furnishing any break up. The outlay for Forest Fire Cell is not given. It is mentioned that each forest protection squad is provided with well fortified camps at strategic location, which includes barrack for accommodation of personnel. This can be permitted under Rule 5 (3) (e), CAF Rules, 2018 which is a 20% NPV activity.</p>	<p>Forest Fire cell is a part of protection coordination cell, hence no outlay has been proposed. The amount will be spent on engaging people round the clock in the divisions, circle and the state all through the year to help in coordinating the protection activities including the fire protection.</p>	
xii	<p>Similarly, communication equipments, can be permitted under Rule 5 (3) (c), CAF Rules, 2018 which is a 20% NPV activity.</p>	<p>No Comments</p>	
xiii	<p>Creation and maintenance of 8,000 KM of new fire lines have been proposed without giving their locations and other details.</p>	<p>The division wise details are given in the Table 6.3 and the further site details will be given subsequently.</p>	

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xiv	90 Wildlife Protection Squads, 15 Protection Coordination Cells, Control Rooms in all wildlife divisions, Nandana Kanan and at wildlife Head quarter (with 3 attendants, a computer and a data manager each), 41 Fire Fighting Squads, 84 Anti-depredation Squads and 90 trackers are proposed to support wildlife protection and management. At least 1410 people will be engaged for this purpose. Besides provision for wildlife crime cell, elephant cell at wildlife Headquarter and crime branch are proposed. In our opinion, expenditure on this should be booked as per Rule 5 (3) (f) under 20% NVP activity. These people may demand to absorb them in Forest Department.	All the people are engaged in the protection of the wildlife habitats and this is a part of overall wildlife management activities. Hence these activities are as per rule 5 (2) (i). All the people engaged in squads are through the service providers. A decision has been taken in the 12 th Steering Committee meeting held on 11.01.2016, all the personnel deployed for forest protection, shall be made through the service provider to avoid any future complicity. Hence there is no question of them being absorbed.	
xv	Additional 750 KM of fire lines have been proposed in wildlife area without proving the location.	The details of the locations are given in the Annexure VII-II, pg no. 303-320. GPS readings will be given subsequently.	
xvi	It has been proposed to pay medical expenses and compensation in the event of exigency to the victims of wildlife depredation, which is a State responsibility.	The provision of compensation to the victims of wildlife depredation is not a prohibitive activity under Rule 5(4)	
xvii	The geo-coordinates of habitat improvement activities have not been indicated.	The site wise locations of the Habitat Improvement activities are given in Annexure VII-V, Pg no. 326-355.	
xviii	The Location details of "Aama Jangala Yojana" have not been furnished. If it is a JFM activity, it is not clear why plantations proposed elsewhere were not included in this yojana.	This is a specific programme to address specific areas. Every year near about 500 VSS areas taken under this programme. In this Capacity building, micro plan preparation, plantations and other activities are also involved. The location details are voluminous and are furnished in soft copy.	
xix	The geo-coordinates and other details of mega nursery, forest roads, culverts, causeway, residential accommodations, range offices, anti-poaching barracks, anti-poaching check gates, seizure yards, floating jetty, watch towers have not been mentioned.	It will be given subsequently.	

(H&O) (B&O)

x	<p>Many activities proposed from CAMPA interest money, may not be permissible. The State has given its own explanation in support of these activities which are not in agreement with the CAF Rules, 2018. The State has justified renovation of PCCF office for accommodating office of CEO CAMPA at the cost of 200 lakh. Similarly, construction of a CAMPA Capacity Building Centre at a cost of 1000 lakh has been proposed. The Supreme Court, in its order dated 18.01.2019, has observed the following about CAMPA funds: - "It is made clear that no State Government can use the funds for any activity other than afforestation."</p>	<p>All the activities are as per the Campa Rules and no rules are flouted while drafting the APO 19-20. Sufficient justification has been provided. National Authority may take a considered view in this regard. The Campa Rules clearly indicates capacity building is one of the prime focus areas. The rules state many activities in addition to the Afforestation works.</p>	
xxi	<p>Nowhere has it been stated that the activities undertaken in the forest land is as per the working plan {Rule 5 (3) (k)}. Besides, as mentioned in the earlier note, the State has not certified that activities have been taken up in consultation with concerned Gram Sabha or village forest management committee or any authority having jurisdiction over that area and it is in consonance with FRA Act, 2006.</p>	<p>All the DFOs have been instructed to get the Gram Sabha Resolutions before starting of the works. All the resolutions will be kept in the Division Offices and will be produced as and when required.</p>	

DRA
(881) (10/12/19)

File No.15-2(26)/2019-20-NA
Ministry of Environment, Forest & Climate Change
(National Authority)

Indira Paryavaran Bhavan,
Jor Bagh Road, New Delhi-110003.

Dated: December, 2019

To,

The Additional Chief Secretary/
Principal Secretary/Secretary (Forests)
Government of Odisha,
Bhubaneswar.

Sub: Annual Plan of Operation (APO) – Odisha (2019-20): approval regarding.

Sir/Madam,

The undersigned is directed to refer to letter No. ~~15307/10E(Cons)87/2018~~ dated ~~09.08.2019~~ and subsequent letters of Government of Odisha on the above mentioned subject and convey the administrative approval of the Executive Committee of the National Authority under Section 15 (1) (i) of the Compensatory Afforestation Fund (CAF) Act, 2016 for the Annual Plan of Operation – Odisha (2019-20) at a total cost of Rs.592.52 Cr. (Rupees five hundred ninety two crores and fifty two lakhs only) for carrying out approved activities during the current financial year from the “State Compensatory Afforestation Fund -Odisha” created under Section 4 of CAF Act, 2016.

2. The APO was initially discussed in the 2nd Meeting of the Executive Committee of the National Authority held on 26.04.2019 and was finally approved in the 4th meeting held on 15.10.2019. The component – wise approved breakup of the APO is provided below: -

Sr No.	Description	Components	Financial (Rs in Crores)
1	Site Specific works as per FCA approval	Compensatory Afforestation	48.84
		CAT Plan	-
		Integrated WLMP	-
		Others	36.45
		Sub Total(i)	85.29
2.	Net Present Value	Works under 80% NPV component	407.32
		Works under 20% NPV component	99.91
		Sub Total (ii)	507.23
3.	Accrued Interest	Works under 60% Interest component	-
		Works under 40% Interest component	-

	Sub Total (iii)	
	Grand Total (i+ii+iii)	592.52
(Rupees five ninety-two crores fifty-two lakhs only)		

3. The approval is subject to the following observations:-
- i. The approved activities shall be carried out according to Rule 4 of CAF Rules, 2018, i.e. as per the provisions of the State financial rules or any such rules applicable from time to time in the State.
 - ii. There should not be a reduction in allocation for forestry sector in the State Budget due to flow of CAMPA funds.
 - iii. The State shall furnish a brief description and abstract of the monitoring work done by the Monitoring and Evaluation Wing of the SFD and by the independent monitor in the State as desired in Part I (f) & (g) respectively of Form XII, to the National Authority for records.
 - iv. Activities regarding purchase of vehicles, infrastructure development, wages etc. should be taken up as per decisions taken in the 4th meeting of the Executive Committee of the National Authority and if there is any revision in the APO on account of these activities, the same shall be communicated to the National Authority for records.
 - v. Repair of vehicles shall be limited to vehicles purchased from the CAMPA funds.
 - vi. Maintenance of existing infrastructure like residential and official buildings related to frontline staff shall be done from the regular State budget.
 - vii. Maintenance of equipments including computers, printers and UPSs shall be limited to the equipments purchased by the State Authority from CAMPA funds.
 - viii. Geo-tags of all site specific as well as non-site-specific activities will be provided to National Authority for record. Polygons of each plantation carried out shall be uploaded on e-Green watch portal.
 - ix. The proposed activities from monies received towards NPV deposited in the State Fund shall be bifurcated in the manner provided in Rule 5(2) and Rule 5(3). Similarly, the proposed activities from the interest accrued on monies in the State Fund shall be bifurcated in the manner provided in Rule 6(a) and 6(b). While doing so the specific sub rule shall also be mentioned against each proposed activity.
 - x. The State Authority shall ensure that activities proposed from NPV shall be taken up as per the approved working plan/wildlife management plan prescriptions and after due consultation with the Gram Sabha & VFMC, as the case may be and shall be in consonance with the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 as required under proviso below Rule 5(3) (k).
 - xi. Provisioning of civil works in wildlife areas shall be consistent with approved management plan prescriptions.
 - xii. The proposed activities should be carried out as per approved schedule of rates, approved minimum wages etc.
 - xiii. A certificate regarding non-overlapping of activities with other schemes shall also be provided to the National Authority for records.
 - xiv. 'Measurable Outputs' of all physical activities and targets of each permissible activity along with period required for achieving the measurable output may be provided to the National Authority for records.
 - xv. The activity wise revised outlay for the APO shall be communicated to the National Authority for records, *if there is any change in the approved outlay.*

Yours faithfully,

(Brijendra Swaroop)
Dy. Chief Executive Officer

Copy to:

1. Principal Chief Conservator of Forests (HoFF), Department of Forests, Government of Odisha, Bhubaneswar
2. Chief Executive Officer, State CAMPA Odisha, Bhubaneswar
3. Principal Secretary/Secretary, Department of Finance, Government of Odisha, Bhubaneswar
4. Secretary, Planning Deptt, Government of Odisha, Bhubaneswar
5. Accountant General, Bhubaneswar

Copy also forwarded to:

1. The Director General of Forests and Special Secretary, Ministry of Environment, Forest and Climate Change, New Delhi.
2. The Chief Executive Officer (National Authority), Ministry of Environment, Forest and Climate Change, New Delhi.
3. ADG (FC)/(WL)/(NTCA), Environment Forest & Climate Change, New Delhi
4. Additional Secretary & Financial Adviser, Ministry of Environment, Forest and Climate Change, Government of India, New Delhi.
5. Deputy Director General of Forests (Central), Regional Offices (Bhubaneswar), Ministry of Environment, Forest and Climate Change
6. IGF FC/WL/FPD/SU/PE/FP/NAEB/NTCA, Environment Forest & Climate Change, New Delhi
7. The Principal Director (Audit), Scientific Department, AGCR Building, New Delhi.
8. Sanction Folder/ Guard File.

Dy. Chief Executive Officer

(804)

File No.15-2(26)/2019-20-NA
Ministry of Environment, Forest & Climate Change
(National Authority)

Indira Paryavaran Bhavan,
 Jor Bagh Road, New Delhi-110003.

Dated: 17th December, 2019

To,

The Additional Chief Secretary/
 Principal Secretary/Secretary (Forests)
 Government of Odisha,
 Bhubaneswar.

Sub: Annual Plan of Operation (APO) – Odisha (2019-20): approval regarding.

Sir/Madam,

The undersigned is directed to refer to letter No.15307/10F(Cons)87/2018 dated 09.08.2019 and subsequent letters of Government of Odisha on the above mentioned subject and convey the approval of the Executive Committee of the National Authority under Section 15 (1) (i) of the Compensatory Afforestation Fund (CAF) Act, 2016 for the Annual Plan of Operation – Odisha (2019-20) at a total cost of Rs.592.52 Cr. (Rupees five hundred ninety two crores and fifty two lakhs only) for carrying out approved activities during the current financial year from the “State Compensatory Afforestation Fund -Odisha” created under Section 4 of CAF Act, 2016.

2. The APO was initially discussed in the 2nd Meeting of the Executive Committee of the National Authority held on 26.04.2019 and was finally approved in the 4th meeting held on 15.10.2019. The component – wise approved breakup of the APO is provided below: -

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3.	Accrued Interest	Works under 60% Interest component	-
		Works under 40% Interest component	-

O/o IGF(Forest)
 Dy. No. 2503228
 Date: 27/12/2019

O/o Addl. Director Compensatory Afforestation (FC)
 Dy. No. 2503228
 Date: 27/12/19

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 TO (FC)

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 23/12/19
 Mr. Anam
 Comp.

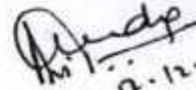
		Sub Total (iii)	
		Grand Total (i+ii+iii)	592.52
(Rupees five ninety-two crores fifty-two lakhs only)			

3. The approval is subject to the following observations:-
- i. The approved activities shall be carried out according to Rule 4 of CAF Rules, 2018, i.e. as per the provisions of the State financial rules or any such rules applicable from time to time in the State.
 - ii. There should not be a reduction in allocation for forestry sector in the State Budget due to flow of CAMPA funds.
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 - iv. Activities regarding purchase of vehicles, infrastructure development, wages etc. should be taken up as per decision taken in the 4th meeting of the Executive Committee of the National Authority and if there is any revision in the APO on account of these activities, the same shall be communicated to the National Authority for records.
 - v. Repair of vehicles shall be limited to vehicles purchased from the CAMPA funds.
 - vi. Maintenance of existing infrastructure like residential and official buildings related to frontline staff shall be done from the regular State budget.
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 - xiii. A certificate regarding non-overlapping of activities with other schemes shall also be provided to the National Authority for records.
 - xiv. 'Measurable Outputs' of all physical activities and targets of each permissible activity along with period required for achieving the measurable output may be provided to the National Authority for records.

[Signature]
17.12.19.

- xv. The activity wise revised outlay for the APO shall be communicated to the National Authority for records, if there is any change in the approved outlay.

Yours faithfully,


17.12.19


(Brijendra Swaroop)
Dy. Chief Executive Officer

Copy to:

1. Principal Chief Conservator of Forests (HoFF), Department of Forests, Government of Odisha, Bhubaneswar
2. Chief Executive Officer, State CAMPA Odisha, Bhubaneswar
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4. Secretary, Planning Deptt, Government of Odisha, Bhubaneswar
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7. The Principal Director (Audit), Scientific Department, AGCR Building, New Delhi.
8. Sanction Folder/ Guard File.
9. NIC, MoEF&CC, N. Delhi


17.12.19

Dy. Chief Executive Officer

ADG/FC

⑤

(887)

File No.15-2(26)/2019-20-NA
Ministry of Environment, Forest & Climate Change
(National Authority)

Indira Paryavaran Bhavan,
 Jor Bagh Road, New Delhi-110003.

Dated: 17th December, 2019

To,

The Additional Chief Secretary/
 Principal Secretary/Secretary (Forests)
 Government of Odisha,
 Bhubaneswar.

Sub: Annual Plan of Operation (APO) – Odisha (2019-20): approval regarding.

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		Works under 40% Interest component	-

2287/10F/10
20/12/19

249538 NGF(SS)
Date: 24/12/19

(FCI, M/o E)
Dy. No. 249538
Date: 23.12.19

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249538
20-12-19

24/12/19
20/12/19

(98)

		Sub Total (iii)	
		Grand Total (i+ii+iii)	592.52
(Rupees five ninety-two crores fifty-two lakhs only)			


3. The approval is subject to the following observations:-
- i. The approved activities shall be carried out according to Rule 4 of CAF Rules, 2018, i.e. as per the provisions of the State financial rules or any such rules applicable from time to time in the State.
 - ii. There should not be a reduction in allocation for forestry sector in the State Budget due to flow of CAMPA funds.
 - iii. The State shall furnish a brief description and abstract of the monitoring work done by the Monitoring and Evaluation Wing of the SFD and by the independent monitor in the State as desired in Part I (f) & (g) respectively of Form XII, to the National Authority for records.
 - iv. Activities regarding purchase of vehicles, infrastructure development, wages etc. should be taken up as per decision taken in the 4th meeting of the Executive Committee of the National Authority and if there is any revision in the APO on account of these activities, the same shall be communicated to the National Authority for records.
 - v. Repair of vehicles shall be limited to vehicles purchased from the CAMPA funds.
 - vi. Maintenance of existing infrastructure like residential and official buildings related to frontline staff shall be done from the regular State budget.
 - vii. Maintenance of equipments including computers, printers and UPSs shall be limited to the equipments purchased by the State Authority from CAMPA funds.
 - viii. Geo-tags of all site specific as well as non-site-specific activities will be provided to National Authority for record. Polygons of each plantation carried out shall be uploaded on e-Green watch portal.
 - ix. The proposed activities from monies received towards NPV deposited in the State Fund shall be bifurcated in the manner provided in Rule 5(2) and Rule 5(3). Similarly, the proposed activities from the interest accrued on monies in the State Fund shall be bifurcated in the manner provided in Rule 6(a) and 6(b). While doing so the specific sub rule shall also be mentioned against each proposed activity.
 - x. The State Authority shall ensure that activities proposed from NPV shall be taken up as per the approved working plan/wildlife management plan prescriptions and after due consultation with the Gram Sabha & VFMC, as the case may be and shall be in consonance with the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 as required under proviso below Rule 5(3) (k).
 - xi. Provisioning of civil works in wildlife areas shall be consistent with approved management plan prescriptions.
 - xii. The proposed activities should be carried out as per approved schedule of rates, approved minimum wages etc.
 - xiii. A certificate regarding non-overlapping of activities with other schemes shall also be provided to the National Authority for records.
 - xiv. 'Measurable Outputs' of all physical activities and targets of each permissible activity along with period required for achieving the measurable output may be provided to the National Authority for records.

[Signature]
17-12-19

CP 210 E

- xv. The activity wise revised outlay for the APO shall be communicated to the National Authority for records, if there is any change in the approved outlay.

Yours faithfully,


17.12.19

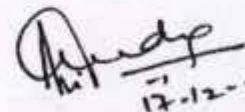
(Brijendra Swaroop)
Dy. Chief Executive Officer

Copy to:

1. Principal Chief Conservator of Forests (HoFF), Department of Forests, Government of Odisha, Bhubaneswar
2. Chief Executive Officer, State CAMPA Odisha, Bhubaneswar
3. Principal Secretary/Secretary, Department of Finance, Government of Odisha, Bhubaneswar
4. Secretary, Planning Deptt, Government of Odisha, Bhubaneswar
5. Accountant General, Bhubaneswar

Copy also forwarded to:

1. The Director General of Forests and Special Secretary, Ministry of Environment, Forest and Climate Change, New Delhi.
2. The Chief Executive Officer (National Authority), Ministry of Environment, Forest and Climate Change, New Delhi.
3. ADG (FC)/(WL)/(NTCA), Environment Forest & Climate Change, New Delhi
4. Additional Secretary & Financial Adviser, Ministry of Environment, Forest and Climate Change, Government of India, New Delhi.
5. Deputy Director General of Forests (Central), Regional Office (Bhubaneswar), Ministry of Environment, Forest and Climate Change
6. ✓ IGF FC/WL/FPD/SU/PE/FP/NAEB/NTCA, Environment Forest & Climate Change, New Delhi
7. The Principal Director (Audit), Scientific Department, AGCR Building, New Delhi.
8. Sanction Folder/ Guard File.
9. NIC, MoEF&CC, N. Delhi


17.12.19

Dy. Chief Executive Officer



FOREST HEADQUARTERS, ODISHA
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HOFF
ARANYA BHAWAN : BHUBANESWAR - 23.

No. 491 /10F (CAMPA)-01/2019 Dated, Bhubaneswar the 07th January, 2020

From

Smt. Uma Nanduri, IFS
Chief Executive Officer, State Authority &
Member Secretary, Executive Committee.

To

The Chief Executive Officer, National Authority
Ministry of Environment, Forest & Climate Change
Govt. of India, Indira Paryavaran Bhavan
Jor Bagh Road, New Delhi-110003.

(Kind Attn : Mr. Brijendra Swaroop, Dy. CEO)

Sub: ***Annual Plan of Operation (APO) - Odisha (2019-20) : approval regarding.***

Ref: ***Letter No.15-2(26)/2019-20-NA dated 17th December, 2019 of the Dy. CEO, National CAMPA, Govt. of India, MoEF&CC.***

Sir,


In inviting a reference to above on the captioned subject, this is to inform that the Executive Committee of National Authority, Govt. of India has finally approved the Annual Plan of Operation 2019-20 of Odisha State CAMPA in the 4th meeting of held on 15.10.2019 and conveyed their approval subject to some observations vide above referred letter to the State Authority. The National Authority while communicating their approval on different components of the APO 2019-20 with financial outlay, the interest component has not been indicated, and approval has been accorded at Rs.592.52 crore; whereas the total outlay of APO of 2019-20 is Rs.616.52 crore including interest money.

It is pertinent to mention here that the interest component of the APO 2019-20 was discussed at length in the meeting of the Executive Committee held on 15.10.2019 and approved for Rs.24.00 Crore. But the same has not been included in the proceedings of the meeting. Since different components like

Accounting, Development and management of State Authority Office, CAMPA Capacity Building Centre etc. are to be met from interest fund; non-release of funds under the component of APO 2019-20 will put the State Authority in embarrassing situation. All such components are permissible under Rule 6(b) and Rule 5(3) of the CAF Rule, 2018. Permissibility under Rules has also been submitted to National Authority vide letter No.17739 dated 17.10.2019 after returning from Executive Committee meeting.

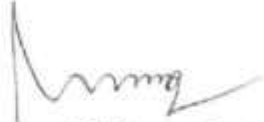
It is, therefore, requested that the approval of the interest component under APO 2019-20 of Odisha State CAMPA may be communicated at an early date as most of the most of the activities have already been started under the same head.

Yours faithfully,


Chief Executive Officer, State Authority &
Member Secretary, Executive Committee.

Memo No. /Dated

Copy forwarded to the Additional Chief Secretary to Government, Forest and Environment Department, Odisha, Bhubaneswar for information and necessary action.


Chief Executive Officer, State Authority &
Member Secretary, Executive Committee.